

Air Force Munitions Facilities Standards Guide

Volume II















31 May 2004

U.S. AIR FORCE MUNITIONS FACILITIES STANDARDS GUIDE

Volume II MUNITIONS FACILITIES ASSESSMENT CHECKLISTS

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INTRODUCTION

Purpose and Scope

This volume of the Munitions Guide provides a facility assessment checklist for each of the 21 Civil Engineer Real Property Category Codes (Cat Codes) identified in Volume I of this guide.

The facility assessment checklists serve multiple purposes. The checklists can be used to evaluate the condition of existing facilities and compare them against the standards contained in this document. These checklists may also be used to assist in the planning process for new construction. On the checklists, additional space is provided after each component to add items/features that may be unique to a local facility. Potential users of the assessment checklists include munitions, civil engineering, safety, and security forces agencies. The checklists are easily downloaded and provide a standardized format for munitions facilities condition assessments.

Approach

Assessment Checklist Application

As a first use of these checklists, HQ USAF/ILMW initiated a global effort in FY03 to develop a capital improvement plan to improve the overall condition of munitions support infrastructure at Air Force, Air National Guard, and Air Force Reserve Command installations worldwide.

The objective of this process is to collect data on facility conditions, assess deficiencies, and evaluate and rank local needs to assist in assigning priorities for facility requirements. Some of the elements included in the checklists are facility structure, utilities, security, pavements, and explosives safety. The list of prioritized projects will assist in the formulation of the capital improvements plan for local munitions facilities.

The sequence of checklists follows the same philosophy as Volume I. That is, the 21 Cat Codes for munitions facilities are divided into four classes. The munitions facilities in each class are listed below by Cat Code. Abbreviations and acronyms are not defined on the checklists. Please refer to Volume I, Chapter 5, "References, Forms, Abbreviations and Acronyms, and Terms."



Maintenance Facilities

171-875	Munitions Loading Crew Training Facility
212-212	Missile Assembly Shop/Integrated Maintenance Facility (IMF)
212-213	Tactical Missile/Glide Weapons Maintenance Shop
215-552	Weapons and Release Systems Shop
215-582	Surveillance and Inspection Shop
216-642	Conventional Munitions Shop
218-712	Aircraft Support Equipment Shop/Storage Facility (Aerospace Ground Equipment (AGE) Facility) – Used fo Munitions Support Equipment Maintenance

Storage Facilities

422-253	Multi-cubicle Magazine Storage
422-256	Rocket Check Out and Assembly Storage
422-257	Segregated Magazine Storage
422-258	Above Ground Magazine Storage
422-264	Storage Igloo (Earth-covered Magazine)
422-265	Inert Spares Storage
422-271	Module Barricaded Storage
422-275	Ancillary Explosives Facility (Classification Yards, Holding Yard, Inspection Station, Interchange Yard, Loading Dock Ready Explosives Facility, and Bomb Preload Station/Munitions Assembly Conveyor (MAC) and

Transportation Facilities

116-662	Pad, Dangerous Cargo
422-277	Flight Line Munitions Holding Point
851-147	Roads (Streets) – Primary and Alternate Explosives Movement Routes
852-261	Vehicle Parking Operations – Used for Munitions Sub Pool Parking
890-158	Load and Unload Platform (Railhead) – Used for Munitions Operations

Administration Facilities

610-144 Munitions Administration Facility















		TIES ASSESSMENT (
Cat	egory Code 171	-875 Munitions Loading	Crew Training	g Facility			
Installation Name		Location	Facility	Bldg Numbe	r		
Inspector	Unit POC	Insp. Date	MAJCO				
Sq Footage	Type Constr.	Year Built	Date La	st Inspection)		
Facility Purpose: This facility	provides training for	r munitions loading crews to acqui	re and maintain the	ir required p	roficiency		
Facility Components		•					
	ition of the facility v	with respect to mission impact.		N	Aission Re	equireme	ents
*Does the base master pla					Meets	Does N	
*Are there any outstanding		, , ,					
		he facility from the latest inspectio	ns?				
*Does the facility user hav	•	•		<u> </u>		ļ	
*Does the training areas' s							
*Does location of facility d							
*Does the facility design a							
Remarks	now for known fatare	. mission changes:					
				. ,			
II. Mission Design Require	ments		Design Rec		Miss	sion Imp	act**
			Meets	Doesn't Me	et		
Space Requirements. *Adaquate appear for training	ng sirereft and reen	ativa august aguismant			1	2	3
*Adequate space for traini		ective support equipment. Ow for safe clearances around airc	eroft during handling	of munition			
	0	g munitions, and support equipme		j or munition	5.		
		ainees and amount of training aids					
Remarks	nt apon nambor or a	anioco ana amount or training arac	o roquirou.				
movement of training aircr		eration of handling equipment and			1	2	3
Remarks							
Constructed of steel, brick	, or concrete materia	il.			1	2	3
Remarks						l	
~		covered aircraft parking area,			1	2	3
or in a covered space sucl	h as a dock or hanga	ar.					
Remarks							
5. Facility may need high sec	curity hasps and an i	ntrusion detection system.			1	2	3
Remarks							
6. If applicable, provide prote	ection from propagati	ng explosions from the flight line,			1	2	3
Remarks							

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)		quirements	Miss	sion Imp	act**
7. Facility must have	Meets	Doesn't Meet			
7. Facility must have: *Supply, tool, and equipment room.			1	2	3
*Ready room with personnel lockers available.		•			
*Latrine facilities.					
*Minimum 1,500 sq. ft (139 m²) administrative area. Remarks					
Facility must have a serviceable lightning protection system as required by NFPA		1			
780, Chapter 3.			1	2	3
Remarks					
9. Facility must be constructed with DDESB approval if located within the explosives			1	2	3
clear zone.			· ·	_	Ů
Remarks					
III. F. 196 O . 186	Conoral	Conditions			
III. Facility Conditions	Satisfactory	Unsatisfactory	Miss	sion Imp	act**
1. Explosives Safety:	,	,	1	2	2
Criteria:				2	3
*Siting RequirementsFacility may be sited or licensed in accordance with DoD 60	55.9 STD and <i>A</i>	AFMAN 91-201.	Any ex	ception	s are
properly identified and risk assessments are performed. *Inspections Annual weapons safety, ground safety, and facility inspections are p	erformed				
*Windows Made of blast-resistant material if within the explosives clear zone.	criorifica.				
*General Facility has good drainage and is vermin resistant.					
*Placards Explosives limits and fire/chemical symbols are displayed.					
*Grounding A means to dissipate static electricity buildup is installed; static bond	s and grounds	are tested for re	sistance	e and	
continuity; and records are on hand as per AFI 32-1065.					
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
Remarks					
2. Walls:			1	2	3
Criteria:		<u> </u>	<u>'</u>		J
*Exterior Clean, intact, and free from damage. Paint and caulking are in good con *Interior Structural members and cross bracing are free from deterioration, adequ			etallad	caulking	
around wall penetrations watertight, and there are no unauthorized attachments that		-		_	J
Remarks	,	3			
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete					
Criteria:			1	2	3
*Free of leaks.					
*Attachments are secure.					
*No signs of failure, separation, or curling. Remarks					
romano					
4. Doors:			1	2	3
Criteria: *Overhead doors must raise and lower smoothly, and can be locked in place.					
*Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
*Serviceable ramps to traverse hangar door thresholds available (if required).					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General	Conditions	Micc	ion Imp	act**
	Satisfactory	Unsatisfactory	101150	non imp	acı
5. Floors:			1	2	3
Criteria:				_	Ŭ
*Concrete is in good condition, without cracks and with a smooth surface to allow e	asy aircraft and	l equipment mov	ement.		
Remarks					
6. Ceiling:					
Criteria:			1	2	3
*No visible damage, watermarks, or sagging.					
*No obvious hazards to personnel on the floor.					
Remarks					
7. HVAC:			4	2	2
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	e clean.				
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintain	ed.				
*Wiring is in conduits and insulation is intact.					
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
Remarks					
Itemans					
8. Facility Electrical:			1	2	3
Criteria:					
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support equipment may have special electrical requirements.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*May need special power requirements for test equipment.					
*Switches and breakers contain lightning arrestors and surge protectors.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices will be installed.					
Remarks					
remand					

III. Facility Conditions (Continued)		Conditions	Miss	sion Imp	act**
	Satisfactory	Unsatisfactory			
9. Plumbing and Mechanical Systems:			1	2	3
Criteria:				į.	<u> </u>
*Drainage systems support holding tanks, and drain and waste facilities are properl	y mamamed.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
40. Fine Breds edies / Decreation					
10. Fire Protection/Prevention: Criteria:			1	2	3
*Sprinkler System Piping is properly installed and supported; system is free of lea	ks: sprinkler he	ads are properly	v positic	ned an	d the
system shut-off valve is readily accessible and unobstructed.	ano, oprimilar no	ado dio propori	, poortio	niou, un	u 1110
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curre	ent.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised around the facility.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible,	a minimum of tv	vo 32-inch wide	outward	d-openir	ıg
doors within 75 feet for emergency evacuation.					
*Fire extinguishers readily available.					
*Flammable and combustible materials are properly stored.					
*Facility is clean.					
Remarks					
		1			
11. Natural Gas Storage and Distribution (as applicable):			1	2	3
Criteria:					
*Cathodic Protection A system must be installed, corrosion free, and the sacrificia					
*Pipes, Valves, and Fittings Outside components are protected from vehicles and	I other moving o	objects; piping p	enetratii	ng the fa	acility
must be grounded; and shut-off valves are readily accessible.					
*Regulators Must be accessible, supported, and leak-free.					
*Storage Tanks Must be securely anchored to their support structure, must have	pressure relier	aives, are prote	ctea iro	ım venic	uiar
damage, and tank surface and connections must be free of corrosion.					
Remarks					
40. October 100 control 100 co					
12. Central Steam / Hot Water Generation and Distribution:			1	2	3
Criteria:					
*Heating Water Treatment Filters are properly installed and water-conditioning ed					
*Steam/Hot Water Generation Temperature and cooling controls are operable; pr	essure valve is	operable; lines a	are ancl	nored; a	ind
system provides sufficient quantities.					
Remarks					

III. Facility Conditions (Continued)	General (Conditions	Micc	sion Imp	nact**
	Satisfactory	Unsatisfactory	IVIIO	лон шір	act
13. Pavements:			1	2	3
Criteria: *Lighting Facility security lights are installed; sufficient lighting for night operations: *Roads Pavement is structurally sound and supports loaded vehicles; markings ar *Parking Properly sited; sufficient room to maneuver; type of pavement supports g spaces; and lots are properly marked. *Projects Structures are sound and maintained; and stress are free of debrie and	re legible; and i gross weight of	is sufficient in wi		dequate	<u> </u>
*Drainage Structures are sound and maintained; and areas are free of debris and Remarks	blockage.				
Remains					
14. Grounds:			1	2	3
Criteria: *Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in good and equipment. *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of he *Erosion Control Area is free of erosion with suitable vegetation to prevent erosion *Fencing (if applicable) Security fencing is installed and is in good repair; vegetation gates are operable.	noles and other	hazards.	ently size	ed for air	ircraft
Remarks 15. Water Supply and Distribution:				, 	
15. Water Supply and Distribution: Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequal *Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; the facility must be grounded. *Elevated Tanks Containment areas are free of debris; tanks are in good repair; as *Water Treatment Filters are installed and conditioning equipment is maintained.	valves and me				_
Remarks					
16. Lightning Protection System (LPS) Installed:			1	2	3
Criteria: *LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance patl *LPS components are grounded and all metallic penetrations are bonded. *Surge protection is provided. *Meets NFPA 780, Chapter 3 (Ordinary Structures) and MIL-HDBK-419 requirement	-				<u> </u>
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

General (Miss	ion Imp	act**
Satisfactory	Unsatisfac	tory			
			1	2	3
ng dovice				<u> </u>	
dles) of light. 4 meter-candle contacted to en	sure proper	r illun			
				_	
			1	2	3
		Ye	es	N	0
		Ύє	es	N	o
		Ye	es	N	0
condition?			es		0
condition?		Ye	es	N	0
condition?		Ye	es	N	0
	Satisfactory Ing device. Idles) of light. Idles meter-candle contacted to en portant for exter-	Satisfactory Unsatisfactory Unsatisf	Satisfactory Unsatisfactory ing device. dles) of light. 4 meter-candles) of light while of contacted to ensure proper illumiportant for exterior lighting.	Ing device. dles) of light. 4 meter-candles) of light while detailed contacted to ensure proper illumination portant for exterior lighting.	Satisfactory Unsatisfactory 1 2 Ing device. Ing device. Ing device dles) of light. Ing meter-candles of light while detailed work montacted to ensure proper illumination is available portant for exterior lighting. Infort.

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Category		TIES ASSESSMENT (ssile Assembly Shop/Inte			nance Faci	itv (IN	F)	
Installation Name		Location			Bldg Number	, (,	
Inspector	Unit POC	Insp. Date		MAJCOM				
Sq Footage	Type Constr.	Year Built		Date Last Inspection				
	7.1	nd prepare standoff missiles for o				onal-lev	ام	
		replacement, and perform bench				orial-icv	Ci	
Facility Components		,						
	condition of the facility v	vith respect to mission impact.			I Mi	ssion Re	equireme	nts
	er plan reflect the current					ets	Does N	
	nding AF Forms 332?	racinty category code.				7010	D00011	ot moot
-	-	no facility from the latest increation	200					
		he facility from the latest inspectio	115 !					
•	r have the site plan availa							
•	d shape meet mission nee							
	lity detract from mission p							
*Does the facility des	ign allow for known future	mission changes?						
II. Mission Design Req	uirements		Des	ign Red	quirements	Mic	sion Impa	o+**
			Mee	ets	Doesn't Meet	IVIIS	sion impa	acı
 Floors must be streng 	gthened to support missile	handling trailers and associated				1	2	3
support equipment.						ı		3
Remarks								
Bay doors and loadin handling requirement	•	mensurate with asset size and				1	2	3
Remarks								
Facility size depends	on the missile systems to	be handled.				1	2	3
Remarks			,			ı		
Requires space for el phase power.	lectrical power and hydrau	ılic units. May require 400Hz, 3-				1	2	3
Remarks			•			1		
One overhead travers support equipment has		t 4,000 lbs. (1,814 kg) is required	for			1	2	3
Remarks	J		•	•				
	4 and 24,131 kPa respecti	and high air pressure systems (15 vely) lines for each bay), emerger				1	2	3
Remarks			•					
7. Facility must have dri		interpretation of consument				1	2	3
operations rule.	endent upon mission and	interpretation of concurrent				<u> </u>		
Remarks								

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Design Requirements Meets Doesn't Meet			Mission Impact**		
8. Facility must have:			1	2	3	
*Tool, supply, and equipment room. *Ready and training room.						
*Latrine facilities.					ļ	
*Approximately 1,500 sq. ft. (139 m2) administrative area. Remarks						
Facility must have serviceable lightning protection and grounding systems.			1	2	3	
Remarks						
 Facility may need explosive-proof lighting fixtures if a Class I (explosive vapors) or Class II (explosive dust) environment is part of the mission. 			1	2	3	
Remarks						
11. Facility must be able to control fuel vapor emissions.			1	2	3	
Remarks	_	_	_	_		
III. Facility Conditions		Conditions Unsatisfactory	Mis	sion Impa	act**	
1. Explosives Safety:	Satisfactory	Ufisalistaciony	1	2	3	
Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF	-MANI 01-201	O D requirement				
explosives weight limits are not exceeded, and commensurate measures are in-place assessments are performed.	,			,		
*Placards Explosives limits and fire/chemical symbols are displayed.						
*Inspections Annual ground and explosives safety and facility inspections are per		- C-store must (oide	· · · bothe	····alle	
*Concurrent Operations MAJCOM interpretation of concurrent operations rules are protrude through ceiling.	e being iollowe	d; factors must o	CONSIDE	(When ie	(Walls	
*Grounding A means to dissipate static electricity buildup is installed; static bonds	is and grounds	are tested for res	sistance	and cor	ntinuity	
and records are on hand as per AFI 32-1065. *Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C	lace II (exnlosi	wee dust) enviror	oments:	· III -app	roved	
lights are acceptable for all other environments.						
*Wiring Wires to structures are underground at least 50 feet (15 m) away and hav	/e lightning arre	estors and surge	protect	ion. Con	duits	
require bonding to the facility at point of entry. *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.						
*Windows Made of blast-resistant-material.						
*General Facility has good drainage and is vermin resistant.						
Remarks						
2 Walls:		 				
Criteria:			1	2	3	
*Exterior Clean, intact, and free from damage. Paint and caulking are in good cor		•		t - may		
*Interior Structural members and cross bracing are free from deterioration, and the compromise the design function.	ere are no una	uthorized attachr	nents tr	nat may		
*Bay walls 12-in (305 mm) thick reinforced (2,500 psi) (17,237 kPa) concrete, in g	good condition,	with no unauthor	rized at	.tachmen	ts.	
Remarks						
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete		Τ	1	2	3	
Criteria: *Free of leaks.			, ,			
*Attachments are secure.						
*No signs of failure, separation, or curling.						
Remarks						
4. Doors: Criteria:			1	2	3	
*Overhead doors raise and lower smoothly, and can be locked in place.						
*Doors swing/roll freely and fit in jambs.						
*Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental or inadvertent closing.						
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions			Mission Impact**		
	Satisfactory	Unsatisfactory	Mis	sion Impa	act^^	
5. Floors: Criteria:			1	2	3	
*Concrete is in good condition, without cracks and with a smooth surface to allow e	asy equipment	movement.				
Remarks						
6. Ceiling : Criteria:			1	2	3	
*No visible damage, watermarks, or sagging.						
*No obvious hazards to personnel on the floor.						
Remarks						
7. Hoist and Lifting Crane: Criteria:			1	2	3	
*Permanently mounted systems are electrically bonded to the facility. *System in good repair. *Certification and proof-load records are up-to-date. *Traverse movement is smooth and unimpaired.						
Remarks						
8. <i>HVAC:</i> Criteria:			1	2	3	
*Ductwork and accessories are well supported, insulation intact, and outlet diffusers	s are clean.					
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine *Wiring is in conduits and insulation is intact.	ed.					
*Electrical control and switchgear is properly tagged, labeled, and housed.						
*Filters are clean.						
*Stand-alone equipment (boiler and chiller units) is well maintained.						
*Start/stop control switch is properly mounted. *Damper controls and motors are in good working order.						
Remarks						
remains						
O Francisco	•	1				
9. Facility Electrical: Criteria:			1	2	3	
*All wiring is in conduit.						
*Ground devices are free of corrosion.						
*Support poles are in good condition and located at least 50 feet (15 m) away from						
*Switch box plates are water and dust tight.						
*Switches are in spark-proof enclosures.						
*Junction boxes are spark-proof and watertight.						
*Transfer switch and breaker panels are operable.						
*Generator and back-up power is available and in good repair.						
*Substations are away from explosives operations.						
*Switches and breakers contain lightning arrestors.						
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.						
*Transformers are free of leaks, are closed, and are weather-proof. *If required, appropriate surge protection devices will be installed.						
Remarks						
i comunic						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions		Mission Impact*		act**
	Satisfactory	Unsatisfactory	141100	Jon Impe	201
10. Plumbing and Mechanical Systems:			1	2	3
Criteria: *Drainage systems support holding tanks, and drain and waste facilities are properly	v maintained	<u> </u>		<u>!</u>	
*Meters are operable.	y mamamou.				
·					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks. *Piping penetrating the facility is grounded.					
*Pring penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
11. Fire Protection/Prevention:			1	2	3
Criteria:			'	2	3
*Sprinkler System Piping is properly installed and supported; system is free of lea	ıks; sprinkler he	ads are properly	positic	ned; and	d the
system shut-off valve is readily accessible and unobstructed.					
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curre	ent.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible, a	a minimum of tv	vo 32-in (812 mr	n) wide	outward	
opening doors within 75 ft (23 m) for emergency evacuation.					
Remarks					
12. Natural Gas Storage and Distribution (as applicable):			1	2	3
Criteria:				<u> </u>	
*Cathodic Protection a system is installed, corrosion free, and the sacrificial plate					
*Pipes, Valves, and Fittings Outside components are protected from vehicles and	otner moving o	objects; piping pe	enetratii	ng the ta	cility is
grounded; and shut-off valves are readily accessible. *Regulators are accessible, supported, and leak-free.					
*Storage Tanks are securely anchored to their support structure, have pressure re	elief valves are	nrotected from	vehicul:	ar damad	ne and
tank surface and connections are free of corrosion.	onor varvoo, are	protootou nom	vornouic	ar darriag	jo, ana
Remarks					
remarks					
13. Central Steam / Hot Water Generation and Distribution:					
Criteria:			1	2	3
*Heating Water Treatment Filters are properly installed and water-conditioning eq	uinment is mai	ntained		<u> </u>	
*Steam/Hot Water Generation Temperature and cooling controls are operable; pn			are and	hored: ai	nd
system provides sufficient quantities.	essure valve is	operable, lines a	ale alici	ioreu, ai	iu
Remarks				-	
indino					

III. Facility Conditions (Continued)	General Conditions		Mission Impact**		
	Satisfactory	Unsatisfactory	у		acı
14. Compressed Air Generation and Distribution: Criteria:			1	2	3
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is operable.	installed; and va	alves, dehydrato	rs, and	meters a	ire
*Compressors Tank and accessories are secured; foundation is paved or padded release valves are operable.	l; data plate is l	egible; and pres	sure reç	gulators a	and
Remarks					
15. <i>Pavements:</i> Criteria:			1	2	3
*Lighting Perimeter security lights are installed and lighting is sufficient for night o	perations. No l	ournt out lights.			
*Roads Pavement is structurally sound and supports loaded vehicles; markings a	•				
*Parking Properly sited; sufficient room to maneuver; type of pavement supports	gross weight of	assigned equip	ment; a	dequate	spaces
and lots are properly marked. *Drainage Structures are sound and maintained; and areas are free of debris and	l blockage.				
Remarks	- and				
16. Grounds:			1	2	3
Criteria:	<u> </u>				
*Sidewalks, Structures, and Miscellaneous Pads Sidewalks are in good repair; pa for equipment.	ads are in good	repair; and pads	are su	fficiently	sized
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h	noles and other	hazards.			
*Erosion Control Area is free of erosion with suitable vegetation to prevent erosio					
*Fencing Security fencing is installed and is in good repair; vegetation is controlle Remarks	ed around fencir	ng; and rail-drive	n gates	are ope	rable.
Kontano					
17. Water Supply and Distribution:					
Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequ					
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; the facility are grounded.	; valves and me	ters are operable	e; and p	oipes ent	ering
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	ictures are stabl	e and ir	n good re	pair.
*Water Treatment Filters are installed and conditioning equipment is maintained.					
Remarks					
18. Lightning Protection System (LPS) Installed:					
Criteria:			1	2	3
*LPS inspection documentation is being properly maintained.					
*An LPS is Installed System features include air terminals and low impedance pa	ths to ground.				
*LPS components are grounded and all metallic penetrations are bonded.					
*Side-flash protection is provided through separation. *Surge protection is provided.					
*Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					

III. Facility Conditions (Continued)	General (Conditions	Miss	sion Impa	act**
40 Alberton	Satisfactory	Unsatisfactory			
19. <i>Lighting:</i> Criteria:			1	2	3
*Fluorescent Fixtures If not designed with self-locking tubes, have a retaining de			<u> </u>		
*Stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles)	_				
*General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5 require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is		, 0			,
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im		rior lighting.			
*Computer Usage Lighting is adequate but not too bright to cause glare or discom *No burnt out bulbs.	ntort.				
Remarks					
20. Hydraulic Unit:			1	2	3
Criteria: *Unit is clean.					
*Electrical cables are in good repair.					
*Fluid reservoir is operable.					
*Hoses and fittings are in good condition. *Service records are available and current.					
Remarks					
21. Liquid Fuel Storage and Distribution:					
Criteria:			1	2	3
*Piping, Valves, and Fittings Piping outside berm area is protected; piping penetra		rounded; and n	o leaks.	•	
*Pumps Regulators installed and properly work; and maximum pressure placarde *Tanks Supported and securely anchored; contents clearly labeled; free from corr		h liquid level qa	nues. pa	ave vent	
devices; and located in bermed area to contain contents.	osion, nitou wit	ii iiqala ievel ga	uges, ne	ave vent	
*Secondary Containment Container is free of cracks and leaks; sufficient for volur	me; free of litter	and other object	cts.		
*Cathodic Protection Installed; free of corrosion; and sacrificial plate volume is 25	% or +.				
Remarks					
	ı				
22. Unique Local Facility Features:			1	2	3
Criteria:					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Photographic Documentation (If yes, please attach)	Yes	No
Remarks	<u> </u>	
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks	100	110
IV. Summary		
TV. Summary		

	FACILI	TIES ASSESSMENT CH	IECKLIST					
Categ	ory Code 212-213	3 Tactical Missile/Glide We	eapon Main	itenand	e Sho	p		
Installation Name		Location	•	y Bldg Nu		•		
Inspector	Unit POC	Insp. Date		MAJCOM				
Sq Footage	Type Constr.	Year Built		ast Inspe	ection			
	71	rm missile and glide munitions assen				ns. test	ing, and	repair.
Facility Components	, ,	•			•		<u> </u>	•
	dition of the facility v	with respect to mission impact.			Mis	sion R	equirem	ents
*Does the base master p					Me			lot Meet
*Are there any outstandi		y canagary cours			IVIC	Cio	D0001	iot ivicot
-	-	he facility from the latest inspections?)					
*Does the facility user ha	•	•	•					
*Do the bays' size and s	•							
•	•							
*Does location of facility								
*Does the facility design Remarks	allow for known future	mission changes?						
II. Mission Design Requir	rements		Design Re	eauireme	nts			4.6.6
ii. Miosion Besign Requi	Cilicino		Meets	Doesn		Mis	sion Imp	act**
1 A test cell room for elect	rical and resistance ch	ecks of rocket motors (if required for					_	_
on-hand systems).		oone or roomer meters (iii roquii ou roc				1	2	3
Remarks				1				
2. Bay doors a minimum 10	0 ft H X 17 ft W (3 m X	5 m) and loading dock size				1	2	3
commensurate with asse	et size and handling re	quirements.				'		3
Remarks 3. Facility size depends on	the missile/munitions	systems to be handled.				1	2	3
Remarks								
-	•	converter systems consisting of:				1	2	3
*115VAC, 60 Hz single-	•							
*115VAC, 400 Hz, 3-pha	ase electricity.							
Remarks								
	mounted crane rated a	t 4,000 lbs. (1,814 kg) is required in		1		1	2	3
each bay.				1				Ŭ
Remarks								
6. Facility requires a separa	ate utility room for low	and high air pressure systems (150						
, , ,	•	vely) lines for each bay) and HVAC.				1	2	3
Remarks		77		1				
7. Facility must have drive-	through work bavs							
· ·	-) bays (dependent upon mission and		1		1	2	3
interpretation of concurre		, 24,5 (dopondont upon iniddion and					1	
*Drive-through paint boo	• ,	nendent on mission						
Remarks	an may be required de	pendent on mission.						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Design Requirements Mission Impo				444	
	Meets	Doesn't Meet	Miss	sion Impact**		
8. Facility must have:			_	_	_	
*Tool, supply, and equipment room.			1	2	3	
*Ready and training room.						
*Latrine facilities.						
*Approximately 1,500 sq. ft. (139 m ²) administrative area.						
Remarks						
O Facility and have a surjected limberian made discount and any address and any			Г			
Facility must have serviceable lightning protection and grounding systems.			1	2	3	
Remarks						
III. Facility Conditions		Conditions	Miss	sion Imp	act**	
4. Fundaciona Octator	Satisfactory	Unsatisfactory				
1. Explosives Safety:			1	2	3	
Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF	-MΔN 91-201 ()-D requiremen	te are e	atiefied	net	
explosives weight limits are not exceeded, and commensurate measures are in-place						
assessments are performed.			,			
*Placards Explosives limits and fire/chemical symbols are displayed.						
*Inspections Annual ground and explosives safety and facility inspections are per	formed.					
*Concurrent Operations MAJCOM interpretation of concurrent operations rules ar		d: factors must	conside	er wheth	er walls	
protrude through ceiling.		.,				
*Grounding A means to dissipate static electricity buildup is installed; static bonds	s and grounds	are tested for re	sistance	and co	ntinuity	
and records are on hand as per AFI 32-1065.						
*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C	lass II (explosiv	res dust) enviro	nments;	UL-ap	proved	
lights are acceptable for all other environments.						
*Wiring Wires to structures are underground at least 50 ft (15 m) away and have I	ightning arresto	ors and surge pr	otection	١.		
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.						
*Windows Made of blast-resistant material.						
*General Facility has good drainage and is vermin resistant.						
Remarks						
2. Walls:			1	2	3	
Criteria:			'		3	
*Exterior Clean, intact, and free from damage. Paint and caulking are in good cor						
*Interior Structural members and cross bracing are free from deterioration, caulking	ng around wall _l	penetrations is v	watertigl	nt, and t	here	
are no unauthorized attachments that may compromise the design function.						
*Bay walls 12-in (305 mm) thick reinforced (2,500 psig) (1,034 kPa) concrete, in g	good condition,	with no unautho	rized at	tachmei	nts.	
Remarks						
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete					0	
Criteria:			1	2	3	
*Free of leaks.						
*Attachments are secure.						
*No signs of failure, separation, or curling.						
Remarks						
4. Doors:						
Criteria:			1	2	3	
*Overhead doors raise and lower smoothly, and can be locked in place.					•	
*Doors swing/roll freely and fit in jambs.						
*Locks and security hasps are in good condition.						
*Safety mechanisms are in place to prevent accidental or inadvertent closing.						
Remarks						

III. Facility Conditions (Continued)	ued) General Conditions		1		
	Satisfactory	Unsatisfactory	Mis	sion Imp	act**
5. Floors: Criteria:			1	2	3
*Concrete is in good condition, without cracks and with a smooth surface to allow ea	asy equipment	movement.			
Remarks					
6. Ceiling : Criteria:			1	2	3
*No visible damage, watermarks, or sagging. *No obvious hazards to personnel on the floor.					l
Remarks					
7. Hoist and Lifting Crane: Criteria:			1	2	3
*Permanently mounted systems are electrically bonded to the facility. *System in good repair. *Certification and proof-load records are up-to-date. *Traverse movement is smooth and unimpaired.					
Remarks					
8. HVAC: Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	e clean.				<u> </u>
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine *Wiring is in conduits and insulation is intact. *Electrical control and switchgear is properly tagged, labeled, and housed. *Filters are clean. *Stand-alone equipment (boiler and chiller units) is well maintained. *Start/stop control switch is properly mounted. *Damper controls and motors are in good working order.	eu.				
Remarks					
9. Facility Electrical: Criteria:			1	2	3
*All wiring is in conduit. *Ground devices are free of corrosion. *Support poles are in good condition and located at least 50 feet (15 m) away from *Switch box plates are water and dust tight. *Switches are in spark-proof enclosures. *Junction boxes are spark-proof and watertight. *Transfer switch and breaker panels are operable. *Generator and back-up power is available and in good repair. *Substitutions are supported to provide a pagestions.					
*Substations are away from explosives operations. *Switches and breakers contain lightning arrestors. *No hazardous materials [polychlorinated biphenyls (PCBs)] are present. *Transformers are free of leaks, are closed, and are weather-proof. *If required, appropriate surge protection devices will be installed.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Mise	sion Imp	nact**
	Satisfactory	Unsatisfactory	IVIISS	Jon Imp	act
10. Plumbing and Mechanical Systems:			1	2	3
Criteria:					
*Drainage systems support holding tanks, and drain and waste facilities are properly	y maintained.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
romano					Ī
11. Fire Protection/Prevention:			1		2
Criteria:	1		1	2	3
*Sprinkler System Piping is properly installed and supported; system is free of lea	ks; sprinkler he	eads are properly	y positic	ned; an	id the
system shut-off valve is readily accessible and unobstructed.	•	•	•		
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curre	ent.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	are supported	and secured.			
*Fire Drills Conducted at least every six months.	• •				
*Vegetation Control Exercised within 50 ft (15m) of above-ground facilities.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible, a	a minimum of t	ພດ 32-in (812 mr	m) wide	outward	d-
opening doors within 75 ft (23 m) for emergency evacuation.		(-		• • • • • • • • • • • • • • • • • • • •	•
Remarks					
		-			
12. Natural Gas Storage and Distribution (as applicable):	1	l l	1	2	3
Criteria:	<u> </u>			لــــّـــا	
*Cathodic Protection A system is installed, corrosion free, and the sacrificial plate					
*Pipes, Valves, and Fittings Outside components are protected from vehicles and	other moving of	objects; piping pe	enetratir	ng the fa	acility
must be grounded; and shut-off valves are readily accessible.					
*Regulators Are accessible, supported, and leak-free.				_	
*Storage Tanks Are securely anchored to their support structure, have pressure re	elief valves, are	e protected from	vehicula	ar dama	age, and
tank surface and connections are free of corrosion.					
Remarks					
13. Central Steam / Hot Water Generation and Distribution:		1			
Criteria:	1	l l	1	2	3
*Heating Water Treatment Filters are properly installed and water-conditioning eq	uinment is mai	ntained current.			
*Steam/Hot Water Generation Temperature and cooling controls are operable; pre			are and	hored: a	and
system provides sufficient quantities.	ESSUIC VALVE .C	Operabio, inice :	are une.	10100, 0	aru
Remarks					
Remarks					

III. Facility Conditions (Continued)	General (Conditions	Mie	sion Imp	nact**					
	Satisfactory	Unsatisfactory	Wilcoloff Imp		act					
14. Compressed Air Generation and Distribution: Criteria:			1	2	3					
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is installed; and valves, dehydrators, and meters are operable.										
*Compressors Tank and accessories are secured; foundation is paved or padded release valves are operable.	l; data plate is l	egible; and pres	sure reg	julators	and					
Remarks										
15. Pavements: Criteria:			1	2	3					
*Lighting Perimeter security lights are installed and sufficient lighting for night ope		-								
*Roads Pavement is structurally sound and supports loaded vehicles; markings a *Parking Properly sited; sufficient room to maneuver; type of pavement supports spaces; and lots are properly marked.	gross weight of			dequate	;					
*Drainage Structures are sound and maintained; and areas are free of debris and Remarks	l blockage.									
remains										
16. Grounds:			4	_	_					
Criteria:			1	2	3					
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in go equipment.	od repair; and p	Dads are sufficie	ntiy size	a tor						
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h *Erosion Control Area is free of erosion with suitable vegetation to prevent erosio *Fencing Security fencing is installed and is in good repair; vegetation is controlle	n.		an nates	are one	arable					
Remarks	a around renoil	ig, and rail-drive	ii gates	arc opc	nabic.					
17. Water Supply and Distribution: Criteria:			1	2	3					
*Well/Water Source Quality testing records are current and water supply is adequateries. *Pipes, Valves, and Fittings Located below grade; cathodic protection is installed		eters are operab	le; and ı	pipes er	ntering					
the facility must be grounded. *Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	uctures are stabl	e and ir	ı good r	epair.					
*Water Treatment Filters are installed and conditioning equipment is maintained. Remarks										
18. Lightning Protection System (LPS) Installed:	T									
Criteria:			1	2	3					
*LPS inspection documentation is being properly maintained.										
*An LPS is Installed System features include air terminals and low impedance pa *LPS components are grounded and all metallic penetrations are bonded.	ths to ground.									
*Side-flash protection is provided through separation.										
*Surge protection is provided.										
*Meets NFPA 780 and MIL-HDBK-419 requirements. Remarks										

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions			
in. I acinty conditions (continues)	Satisfactory	Unsatisfactory	Miss	sion Imp	oact**
19. Lighting:	Catiolaciery	Cricationactory		_	_
Criteria:			1	2	3
*Fluorescent Fixtures If not designed with self-locking tubes, have a retaining de	vice.				
*Stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles)) of light.				
*General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5	34 meter-candle	s) of light while	detailed	work m	nay
require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is	contacted to en	sure proper illur	nination	is avail	lable.
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im	portant for exte	rior lighting.			
*Computer Usage Lighting is adequate but not too bright to cause glare or discom *No burnt out bulbs.	nfort.				
Remarks					
remand					
00 HJP. H7					1
20. Hydraulic Unit:			1	2	3
Criteria:				l	
*Unit is clean. *Electrical cables are in good repair.					
*Fluid reservoir is operable.					
*Hoses and fittings are in good condition.					
*Service records are available and current.					
Remarks					
		, , , , , , , , , , , , , , , , , , , 			
21. Liquid Fuel Storage and Distribution:			1	2	3
Criteria:	L		<u> </u>		
*Piping, Valves, and Fittings Piping outside berm area is protected; piping penetra	ating facility is g	rounded; and no) leaks.		
*Pumps Regulators installed and properly work; and maximum pressure placarde					
*Tanks Supported and securely anchored; contents clearly labeled; free from corr	rosion; fitted wit	h liquid level gai	uges; na	ave ven	t
devices; and located in bermed area to contain contents.					
*Secondary Containment Container free of cracks and leaks; sufficient for volume	•	nd other objects.	•		
*Cathodic Protection Installed; free of corrosion; and sacrificial plate volume is 25	% or +.				
Remarks					
22. Unique Local Facility Features:		1			
Criteria:			1	2	3
Citiena.		<u>. </u>			
Develo					
Remarks					
Photographic Documentation (If yes, please attach)		Ye	26		No
Remarks					
Remarks					
Are work orders (Air Force Form 332) required for discrepancies?		Ye	3 S	N	No
Will completion of "332" work order discrepancies restore the building to an operational	condition?	Ye	es	١	No
Remarks		•			
IV. Summary					
···· ········					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

		TIES ASSESSMENT					
	Category Code 2	215-552 Weapons and F					
Installation Name	I	Location		Facility Bldg Number			
Inspector Sq Footage	Unit POC Type Constr.	Insp. Date Year Built		MAJCOM Date Last Inspection			
		overhaul and repair of aircraft rele			I		
Facility Components	inty provides space for	overnadi and repair of allerait rei	case and gair syste	JIIIG.			
	ndition of the facility	with respect to mission impact.			Mission F	Requirem	nents
*Does the base master					Meets	Does I	Not Meet
*Are there any outstand	ling AF Forms 332?						
*Are there any safety or	r security write-ups on t	he facility from the latest inspection	ons?				
*Does the facility user h	nave the site plan or lice	ense available?		<u>-</u>		-	
*Do the bays' size and s	•						
*Does location of facility	•						
*Does the facility design Remarks	n allow for known future	e mission changes?					
II. Mission Design Requi	rements			equirements	Mis	ssion Im	pact**
4.0			Meets	Doesn't Me	et		
1. Space Requirements. *10.530 sq.ft (978 m²) f	or cinale wing aircraft n	ot equipped w/Multiple Ejector			1	2	3
Racks (MER).	or single-wing aircraft in	ot equipped w/Multiple Elector		1	I		
*Additional 5,000 sq ft (*5,000 sq ft (464 m²) for *Additional 3,000 sq ft (r 12 Primary Assigned at 464 m²) for each subser 12 PAA B-1units. 279 m²) for each subser age space w/supportibility support equipment aning room.	Aircraft (PAA) B-52 units w/heav equent 12 PAA B-52 unit. equent 12 PAA B-1 tasking. ing office space for four people.	y adapter stores/M	ER beams an	d cluster	racks.	
	30.00			_	•		
guns, and ejector racks		size of the support equipment,			1	2	3
Remarks	.		ı	1	I		
3. B-1 facilities.						I	
	250 psig (1,724 kPa) fo	ootprint and 50,000 lb. (22,680 kg	1)		1	2	3
trailer weight.	, ,		,				
*Bay drive-through capa	ability with 12 ft X 12 ft	(3.7 m X 3.7 m) doors.					
Remarks							
4. One monorail overhead	hoist minimum 10-ton	(10,160 kg) capacity.			1	2	3
*For B-52 units.							
*For B-1 units. Remarks							
					1		
5. Facility may need high	security hasps and an i	ntrusion detection system.			1	2	3
Remarks			1	1		1	l
6 Electrical Power Requir	ements.				4	0	2
*Non-Powered Trailers	120 and 220VAC, 60				1	2	3
	0, 220, and 440 VAC 6	0 Hz (440VAC outlets copiously s	spaced in and arou	nd facility).			
Remarks							

II. Mission Design Requirements (Continued)	. , ,		Mis	pact**	
To the same bases	Meets	Doesn't Meet		· · · ·	T
 Facility must have: *Tool, supply, bench stock, and equipment room. 			1	2	3
*Ready and/or training room with personnel lockers available. *Latrine facilities.					
*Approximately 1,500 sq ft (139 m²) administrative area. Remarks					
remars					
8. Facility must have a serviceable lightning protection system.			1	2	3
Remarks	•	,			•
Facility must be constructed with DDESB approval if sited.	$\overline{}$		1	2	3
Remarks		1		<u> </u>	
10. Facility power requirements are driven by systems being worked on.	$\overline{}$		1	2	3
Remarks		<u> </u>		<u> </u>	
III. Facility Conditions	General	Conditions	. A:-	·	1++
•	Satisfactory	Unsatisfactory	Mis	sion Im	pact**
1. Explosives Safety:			1	2	3
Criteria: *Siting RequirementsFacility is sited or licensed in accordance with DoD 6055.9	STD and AFMA	<u>Ι</u> N 91-201. Any ε	exception	ons are	properly
identified and risk assessments are performed.					
*Inspections Annual weapons safety, ground safety, and facility inspections are p	performed.				
*Windows Made of blast-resistant material if within the explosives clear zone.					
*General Facility has good drainage and is vermin resistant.					
*Placards Explosives limits and fire/chemical symbols are displayed.					-4
*Grounding A means to dissipate static electricity buildup is installed; static bond	ds and grounds a	are tested for res	sistance	and co	ontinuity
and records are on hand as per AFI 32-1065.					
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. Remarks					
relians					
2. Walls:	Τ				
Criteria:			1	2	3
*Exterior Clean, intact, and free from damage. Paint and caulking are in good co			اموالت:		
*Interior Structural members and cross bracing are free from deterioration, adequivall penetrations watertight, and there are no unauthorized attachments that may of	•	U	,	caulking	g around
Remarks	Joinprennes a	design ransas			
Tomano					
Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete Criteria:	Т		1	2	3
*Free of leaks.				<u>. </u>	<u>.</u>
*Attachments are secure.					
*No signs of failure, separation, or curling. Remarks					
remand					
4. Doors:					T
Criteria:			1	2	3
*Overhead doors raise and lower smoothly, and can be locked in place. *Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions		Mission Impa		
	Satisfactory	Unsatisfactory	IVIIS	sion imp	oact**
5. Floors:			4	_	_
Criteria:			1	2	3
*Concrete is in good condition, without cracks, and with a smooth surface to allow	easy movement	of equipment.			
*Adequate drainage with oil-water separator in maintenance work bays.					
Remarks					
	1	_			
6. Ceiling:			1	2	3
Criteria: *No visible damage, watermarks, or sagging.					
*No obvious hazards to personnel on the floor.					
Remarks					
7. Hoist and Lifting Crane:			1	2	3
Criteria:					
*Permanently mounted systems are electrically bonded to the facility.					
*System is in good repair.					
*Certification and proof-load records are up-to-date.					
*Traverse movement is smooth and unimpaired.					
Remarks					
8. HVAC:					
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers ar	e clean.			1	
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintain					
*Wiring is in conduits and insulation is intact.	.00.				
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
Remarks					
9. Facility Electrical:					_
Criteria:			1	2	3
*All wiring is in conduit.	l————	J.			
*Ground devices are free of corrosion.					
*Support equipment may have special electrical requirements.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*May need special power requirements for test equipment.					
*Switches and breakers contain lightning arrestors.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices are installed.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)		Conditions	Mis	sion Imp	nact**
	Satisfactory	Unsatisfactory		J.O	7431
10. Plumbing and Mechanical Systems:			1	2	3
Criteria:				_	
*Drainage systems support holding tanks, and drain and waste facilities are proper	ly maintained.				ļ
*Meters are operable.					ļ
*Piping is free of corrosion and located away from moving equipment.					ļ
*Valves and piping are free of leaks.					I
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					I
*Shut-off valves are clearly marked.					ļ
*Steam and hot water lines are grounded.					ļ
*Emergency eyewash and shower stations installed.					ļ
Remarks					
					I
					ļ
					ļ
11. Fire Protection/Prevention (as applicable):			1	2	
Criteria:	<u> </u>		1	2	3
*Sprinkler System Piping is properly installed and supported; system is free of le	aks; sprinkler he	ads are properly	y positio	ned; an	d the
system shut-off valve is readily accessible and unobstructed.					
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curr	ent.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottle	s are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised around the facility.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible,	a minimum of tv	<i>ı</i> o 32-in (812 mr	n) wide	outward	-k
opening doors within 75 ft (23 m) for emergency evacuation.					
*Fire extinguishers readily available.					
*Flammable and combustible materials are properly stored.					
*Flammable and combustible materials are properly stored. *Facility is clean.					
*Flammable and combustible materials are properly stored.					
*Flammable and combustible materials are properly stored. *Facility is clean.					
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*Flammable and combustible materials are properly stored. *Facility is clean.				2	
*Flammable and combustible materials are properly stored. *Facility is clean. Remarks			1	2	3
*Flammable and combustible materials are properly stored. *Facility is clean. Remarks 12. Natural Gas Storage and Distribution (as applicable): Criteria:	(anode) volum	₃ is 25 % or +.	1	2	3
*Flammable and combustible materials are properly stored. *Facility is clean. Remarks 12. Natural Gas Storage and Distribution (as applicable): Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plate			1 enetratii		3 acility
*Flammable and combustible materials are properly stored. *Facility is clean. Remarks 12. Natural Gas Storage and Distribution (as applicable): Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plate *Pipes, Valves, and Fittings Outside components are protected from vehicles an			1 enetratii		3 acility
*Flammable and combustible materials are properly stored. *Facility is clean. Remarks 12. Natural Gas Storage and Distribution (as applicable): Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plate			1 enetratio		3 acility
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^{3 -} Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard ** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"

III. Facility Conditions (Continued)	Conditions (Continued) General Conditions		Mission Impact**			
	Satisfactory	Unsatisfactory	14113			
14. Compressed Air Generation and Distribution: Criteria:			1	2	3	
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is i operable. *Compressors Tank and accessories are secured; foundation is paved or padded		,				
release valves are operable.	i, data plate is it	ogibio, and pres	care reg	Jaiators	ana	
Remarks						
15. Pavements: Criteria:			1	2	3	
*Lighting Facility security lights are installed; sufficient lighting for night operations	s; and no burnt	out lights.				
*Roads Pavement is structurally sound and supports loaded vehicles; markings a *Parking Properly sited; sufficient room to maneuver; type of pavement supports of and lots are properly marked. *Drainage Structures are sound and maintained; and areas are free of debris and	gross weight of			dequate	spaces;	
Remarks	i blockage.					
16. Grounds: Criteria:			1	2	3	
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in go	od repair; and p	ads are sufficie	ntly size	d for		
equipment.			,			
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h		hazards.				
*Erosion Control Area is free of erosion with suitable vegetation to help prevent e *Fencing (if applicable) Security fencing is installed and is in good repair; vegetati		around fencing	· and ra	il-driven		
gates (if present) are operable.		- a. oa. a . o o g	,			
Remarks						
17. Water Supply and Distribution: Criteria:			1	2	3	
*Well/Water Source Quality testing records are current and water supply is adequ	uate.	<u> </u>				
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed;		ters are operabl	e; and p	oipes en	tering	
the facility must be grounded. *Floyeted Tanks Containment group are free of debrie; tanks are in good reneir; or	and aupport atru	ioturos ara atabl	o and in	annd r	ongir	
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a *Water Treatment Filters are installed and conditioning equipment is maintained.	and support stru	ictures are stabi	e and ii	i good re	ерап.	
Remarks						
18. Lightning Protection System (LPS) Installed:			1	2	3	
Criteria:				_		
*LPS inspection documentation being properly maintained.	the te array					
*An LPS is Installed System features include air terminals and low impedance pa *LPS components are grounded and all metallic penetrations are bonded.	tris to ground.					
*Surge protection is provided.						
*Meets NFPA 780 and MIL-HDBK-419 requirements.						
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions		Missi	ion Imp	act**
	Satisfactory	Unsatisfa	ctory	******	юр	
19. Lighting:			1		2	3
Criteria:			·			
*Fluorescent Fixtures If not designed with self-locking tubes, have a retaining de						
*Stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles	-					
*General Illumination Guidelines Hallways require a minimum of 5 foot-candles (
require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is	contacted to en	sure prope	r illuminat	tion i	s availa	able.
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very ir	nportant for exte	rior lighting].			
*Computer Usage Lighting is adequate but not too bright to cause glare or discor	mfort.					
*No burnt out bulbs.						
Remarks						
20. Unique Local Facility Features:			1		2	3
Criteria:			'		2	3
Remarks						
Tonano						
Photographic Documentation (If yes, please attach)			Yes		N	lo
Photographic Documentation (If yes, please attach) Remarks			Yes		N	lo
			Yes		N	lo
			Yes		N	lo
			Yes		N	lo
			Yes		N	lo
			Yes		N	lo
Remarks						
			Yes			lo lo
Remarks	condition?				N	
Remarks Are work orders (Air Force Form 332) required for discrepancies?	condition?		Yes		N	lo
Remarks Are work orders (Air Force Form 332) required for discrepancies? Will completion of "332" work order discrepancies restore the building to an operational	condition?		Yes		N	lo
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Remarks Are work orders (Air Force Form 332) required for discrepancies? Will completion of "332" work order discrepancies restore the building to an operational Remarks	condition?		Yes		N	lo

		TIES ASSESSMENT CH		Chor			
Installation Name	Category Code	215-582 Surveillance and					
Installation Name Inspector	Unit POC	Location Insp. Date	MAJC	Bldg Number			
Sq Footage	Type Constr.	Year Built		ast Inspection			
Facility Purpose: This	facility is used to perform	initial assembly, bench test, inspection	on, and minor ma	aintenance of va	arious c	onventio	nal
	initions and their respectiv	re components to include electro-opti	ical and laser-gu	ided bomb kits.			
Facility Components				DA:-	D.	•	
	ter plan reflect the current	with respect to mission impact.			ets	equireme Does N	
	anding AF Forms 332?	radiity dategory dode:		IVIC	Clo	DOCS IV	iot iviee
•	~	the facility from the latest inspections	s?				
	er have the site plan availa	-					
•	nd shape meet mission ne						
	cility detract from mission						
*Does the facility des	sign allow for known future	e mission changes?					
II. Mission Design Re	quirements		l Design Re	quirements			
ii. Wiission Design Ne	quirements		Meets	Doesn't Meet	Miss	sion Imp	act**
1. Bay doors require hi	gh security hasps and ma	y need an intrusion detection system	ı		1	2	3
	ity category of assets bein	ig inspected.			·		, , , , , , , , , , , , , , , , , , ,
Remarks							
•	,	(4.8 m) and loading dock size			1	2	3
commensurate with Remarks	asset size and handling re	equirements.					
Remarks							
	•	eing handled. Minimum single bay			4	•	,
	g is 3,940 sq ft (336 m²).	Bomber wings require a minimum			1	2	3
2 090 so ft (194 m ²). Remarks			I				
4 Requires space for a	electrical nower units and	converter systems consisting of:	1	ı			1
	ngle-phase electricity.	ourverter systems consisting or.			1	2	3
*115VAC, 400 Hz, th	nree-phase electricity.						•
Remarks							
5. One overhead traver	rse-mounted crane rated a	at 4,000 lbs. (1,814 kg) is required.			1	2	2
Cranes and hoists m	nay need special safety de	evices for nonconventional weapons			1	2	3
systems. Remarks							
		ow air pressure system (150 psig			1	2	3
,	each bay) and HVAC.					_	Ů
Remarks							
7. Facility must have di	rive-through work bays.				1	2	3
	pendent upon mission and	d interpretation of concurrent			'		J
operations rule. *Drive-through paint	booth may be required de	enendent on mission					
Remarks	Doour may be required be	Spendent on mission.					

II. Mission Design Requirements (Continued)	n Requirements (Continued) Design Requirements		Mission Impa		
	Meets	Doesn't Meet	IVIIOC	, , , , , , , , , , , , , , , , , , ,	
8. Facility must have:			1	2	3
*Tool, supply, and equipment room. *Ready and training room.		<u>. </u>			
*Latrine facilities.					
*Approximately 1,500 sq. ft. (139 m2) administrative area.					
Remarks					
Facility must have serviceable lightning protection and grounding systems.			1	2	3
			·	_	Ů
Remarks					
10. Facility may need explosive-proof lighting fixtures if a Class I (explosive vapors) or					
Class II (explosive dust) environment is part of the mission.			1	2	3
Remarks					<u>I</u>
III. Facility Conditions	General	Conditions	Miss	sion Imp	act**
	Satisfactory	Unsatisfactory	IVIIO	sion imp	aci
1. Explosives Safety:			1	2	3
Criteria:					
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF	•	•			
explosives weight limits are not exceeded, and commensurate measures are in-place assessments are performed.	ce. Any except	ions are propert	y identii	ieu anu	IISK
*Placards Explosives limits and fire/chemical symbols are displayed.					
*Inspections Annual ground and explosives safety and facility inspections are per	formed				
*Concurrent Operations MAJCOM interpretation of concurrent operations rules ar		d: factore must a	consida	r whath	or walle
protrude through ceiling.	e being followe	iu, lactors must t	CONSIDE	WIICUI	ci walis
*Grounding A means to dissipate static electricity buildup is installed; static bonds	s and grounds	are tested for re	sistance	e and co	ontinuity
and records are on hand as per AFI 32-1065.	Ü				,
*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C	lass II (explosiv	ves dust) enviror	nments;	UL-ap	proved
lights are acceptable for all other environments.					
*Wiring Wires to structures are underground at least 50 ft (15 m) away and have I	ightning arresto	ors and surge pr	otectior	١.	
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
*Windows Made of blast-resistant material.					
*General Facility has good drainage and is vermin resistant.					
Remarks					
2. Walls:					
Criteria:			1	2	3
*Exterior Clean, intact, and free from damage. Paint and caulking are in good cor	ndition and wat	er tight.		<u> </u>	
*Interior Structural members and cross bracing are free from deterioration, caulking			tertight,	and the	ere are
no unauthorized attachments that may compromise the design function.					
*Bay walls 12-in (305 mm) thick reinforced (2,500 psig) (17,236 kPa) concrete, in	good condition	, with no unauth	orized a	attachm	ents.
Remarks					
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete			1	2	3
Criteria:					
*Free of leaks. *Attachments are secure.					
*No signs of failure, separation, or curling.					
Remarks					
4. Doors:			1	2	3
Criteria:		<u> </u>		L	<u> </u>
*Overhead doors raise and lower smoothly, and can be locked in place. *Doors swing/roll frooly and fit in jambs.					
*Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact

III. Facility Conditions (Continued)	General Conditions		ns Mindian La		
,	Satisfactory	Unsatisfactory	Miss	ion Imp	act**
5. Floors:					
Criteria:			1	2	3
*Concrete is in good condition, without cracks and with a smooth surface to allow ea	asy equipment	movement.			
Remarks					
0.0 "			1		
6. Ceiling:			1	2	3
Criteria:		<u> </u>			
*No visible damage, watermarks, or sagging. *No obvious hazards to personnel on the floor.					
Remarks					
7. Hoist and Lifting Crane:			1	2	3
Criteria:			·	_	Ů
*Permanently mounted systems are electrically bonded to the facility.					
*System in good repair.					
*Certification and proof-load records are up-to-date. *Traverse movement is smooth and unimpaired.					
Remarks					
Inciliains					
8. HVAC:					
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	clean.				
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine					
*Wiring is in conduits and insulation is intact.	, a.				
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
Remarks					
Itemans					
	T				
9. Facility Electrical:			1	2	3
Criteria:					
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50 feet (15 m) away from					
facilities.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*Substations are away from explosives operations.					
*Switches and breakers contain lightning arrestors.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices will be installed.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Mice	sion Imp	act**
	Satisfactory	Unsatisfactory	IVIIS	sion imp	acı
10. Plumbing and Mechanical Systems:			1	2	3
Criteria:				2	3
*Drainage systems support holding tanks, and drain and waste facilities are properly	y maintained.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
11. Fire Protection/Prevention:			1	2	3
Criteria:			'		3
*Sprinkler System Piping is properly installed and supported; system is free of lea	ks; sprinkler he	ads are properly	y positio	ned; ar	d the
system shut-off valve is readily accessible and unobstructed.	•				
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curre	ant				
	,,,,,				
*Fire Alarm Panel is marked and accessible. *Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	ara aummartad	and accured			
· · · · · · · · · · · · · · · · · · ·	are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible, a	a minimum of tv	vo 32-in (812 mı	n) wide	outwar	d-
opening doors within 75 ft (23 m) for emergency evacuation.					
Remarks					
			1		
12. Natural Gas Storage and Distribution (as applicable):			1	2	3
Criteria:					
*Cathodic Protection a system must be installed, corrosion free, and the sacrificia					
*Pipes, Valves, and Fittings Outside components are protected from vehicles and	other moving of	objects; piping p	enetrati	ng the f	acility
are grounded; and shut-off valves are readily accessible.					
*Regulatorsare accessible, supported, and leak-free.					
*Storage Tanks are securely anchored to their support structure, have pressure re	elief valves, are	protected from	vehicul	ar dama	ige,
and tank surface and connections are free of corrosion.					
Remarks					
		•		_	
13. Central Steam / Hot Water Generation and Distribution:			1	2	3
Criteria:			•		
*Heating Water Treatment Filters are properly installed and water-conditioning eq	uipment is mair	ntained current.			
*Steam/Hot Water Generation Temperature and cooling controls are operable; pro	essure valve is	operable; lines	are anc	hored; a	ınd
system provides sufficient quantities.					
Remarks					

III. Facility Conditions (Continued)	General (Conditions	Micc	ion Imp	act**
	Satisfactory	Unsatisfactory	141133	ion imp	act
14. Compressed Air Generation and Distribution: Criteria:			1	2	3
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is i operable.	nstalled; and va	alves, dehydrato	rs, and	meters	are
*Compressors Tank and accessories are secured; foundation is paved or padded release valves are operable.	l; data plate is l	egible; and pres	sure reg	julators	and
Remarks					
15. Pavements:			1	2	3
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope	rations. No bu	rnt out lights.			
*Roads Pavement is structurally sound and supports loaded vehicles; markings a			dth.		
*Parking Properly sited; sufficient room to maneuver; type of pavement supports	gross weight of	assigned equipr	ment; ad	dequate	
spaces; and lots are properly marked. *Drainage Structures are sound and maintained; and areas are free of debris and	l hlockage				
Remarks	Diockage.				
16. Grounds: Criteria:			1	2	3
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in go	od repair; and p	pads are sufficie	ntly size	d for	
equipment.			•		
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h		hazards.			
*Erosion Control Area is free of erosion with suitable vegetation to help prevent en *Fencing Security fencing is installed and is in good repair; vegetation is controlle		ng: and rail-drive	n gates	are ope	erable.
Remarks		<u> </u>			
17. Water Supply and Distribution:					
Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequ		,			
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; the facility must be grounded.	valves and me	ters are operabl	e; and p	pipes en	tering
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	uctures are stabl	e and in	good r	epair.
*Water Treatment Filters are installed and conditioning equipment is maintained.					
Remarks					
18. Lightning Protection System (LPS) Installed:					
Criteria:			1	2	3
*LPS inspection documentation is being properly maintained.			<u>, </u>		
*An LPS is Installed System features include air terminals and low impedance pat	ths to ground.				
*LPS components are grounded and all metallic penetrations are bonded.					
*Side-flash protection is provided through separation. *Surge protection is provided.					
*Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Miss	ion Imp	act**
	Satisfactory	Unsatisfactory			
19. <i>Lighting:</i> Criteria:			1	2	3
*Fluorescent Fixtures If not designed with self-locking tubes, have a retaining dev	rice.				
*Stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles)	-				
*General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5 require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is a		, .			,
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im		rior lighting.			
*Computer Usage Lighting is adequate but not too bright to cause glare or discom *No burnt out bulbs.	ITOIT.				
Remarks					
20. Hydraulic Unit: Criteria:			1	2	3
*Unit is clean.					
*Electrical cables are in good repair.					
*Fluid reservoir is operable. *Hoses and fittings are in good condition.					
*Service records are available and current.					
Remarks					
21. Liquid Fuel Storage and Distribution:			1	2	3
Criteria:	Car Car Charles				
*Piping, Valves, and Fittings Piping outside berm area is protected; piping penetra *Pumps Regulators installed and properly work; and maximum pressure placarde		rounded; and no	o leaks.		
*Tanks Supported and securely anchored; contents clearly labeled; free from corr		h liquid level gai	uges; ha	ave venf	t
devices; and located in bermed area to contain contents.					
*Secondary Containment Container free of cracks and leaks; sufficient for volume	•	nd other objects	•		
*Cathodic Protection Installed; free of corrosion; and sacrificial plate volume is 25 th Remarks	% or more.				
remains					
22. Unique Local Facility Features:					
22. Unique Local Facility Features: Criteria:			1	2	3
Cilleria.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
IV. Summary		

		TIES ASSESSMENT C					
	Category Co	de 216-642 Conventional					
Installation Name	II In:4 DOC	Location Local Date		y Bldg Number			
Inspector Sq Footage	Unit POC Type Constr.	Insp. Date Year Built	MAJC Date L	_ast Inspection			
		initions assembly/disassembly, corre			chnical	order	
completion, and repair of	on various munitions compo	onents and containers.					
Facility Components							
		with respect to mission impact.			ssion Re	T .	
	ster plan reflect the current	: facility category code:		M	eets	Does N	lot Meet
•	tanding AF Forms 332?	the featility from the letest inapostion	0				
· ·	ty or security write-ups on t ser have the site plan availa	the facility from the latest inspection	IS?				
	and shape meet mission ne						
	cility detract from mission p						ļ
	esign allow for known future						
Remarks							
II. Mission Design Re	quirements			equirements	Miss	sion Imp	20t**
_			Meets	Doesn't Meet	IVIIO	iluli iiib	acı
	igh security hasps on bays	s if an intrusion detection system is		T	1	2	3
being utilized. Remarks							
			,	•			-
•	ım 10 ft H X 16 ft W (3 m X asset size and handling re	(4.9 m) and loading dock size			1	2	3
Remarks	adder one arra manamag .	Aquitorno.		·			
3. Facility size depend	s on the munitions system	s to be handled.			1	2	3
Remarks			-	•			
*115VAC, 60 Hz sii	ngle-phase electricity.	converter systems consisting of:			1	2	3
	ree-phase electricity (if app	olicable).					
Remarks							
5. One overhead trave	rse-mounted crane rated a	at 4,000 lbs. (1,814 kg) is required.			1	2	3
Remarks							
kPa) lines for each l		air pressure system (150 psi (1,034	4		1	2	3
Remarks							
-	rive-through work bays.				1	2	3
	ee 30 ft X 50 ft (9 m X 15 m ncurrent operations rule).	n) bays (dependent upon mission an	nd		'		<u> </u>
*Drive-through pain	t booth may be required de	pendent on mission.					
Remarks							

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Design Re	quirements	Miss	sion Imp	act**
O Forth worths a	Meets	Doesn't Meet	141100	1	1
Facility must have: *Tool, supply, and equipment room.			1	2	3
*Ready and training room.			l		
*Latrine facilities.					
*Approximately 1,500 sq. ft. (139 m2) administrative area. Remarks					
Remarks					
Facility must have serviceable lightning protection and grounding systems.			1	2	3
Remarks	1		l	<u>l</u>	l
III. Facility Canditions	Conoral	Conditions	ı		
III. Facility Conditions	Satisfactory	Conditions Unsatisfactory	Miss	sion Imp	act**
Explosives Safety: Criteria:			1	2	3
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and Al	L	I Q-D requiremen	ts are s	atisfied.	net
explosives weight limits are not exceeded, and commensurate measures are in-pla		•			
assessments are performed.					
*Placards Explosives limits and fire/chemical symbols are displayed.	formed				
*Inspections Annual ground and explosives safety and facility inspections are per *Concurrent Operations MAJCOM interpretation of concurrent operations rules a		d: factore must	conside	ar whath	ner
walls protrude through ceiling.	re being tollowe	u, iaciois must	CONSIDE	= wile[[iei
*Grounding A means to dissipate static electricity buildup is installed; static bond	ls and grounds	are tested for re	sistance	e and co	ontinuity
and records are on hand as per AFI 32-1065.					
*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C	Class II (explosiv	es dust) enviro	nments	; UL-ap	proved
lights are acceptable for all other environments. *Wiring Wires to structures are underground at least 50 ft (15 m) away and have	lightning arresto	ors and surge or	otection	n Cond	uits
require bonding to the facility at point of entry.	ngriaming directo	ore and earge pr	Otootioi	00110	ano
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
*Windows Made of blast-resistant material.					
*General Facility has good drainage and is vermin resistant.					
Remarks					
2. Walls:			1	2	3
Criteria: *Exterior Clean, intact, and free from damage. Paint and caulking are in good co	ndition and water	<u>l</u> er tiaht			
*Interior Structural members and cross bracing are free from deterioration, caulki		-	tertight,	and the	ere are
no unauthorized attachments that may compromise the design function.					
*Bay walls 12-in (305 mm) thick reinforced (2,500 psig) (17,236 kPa) concrete, in	good condition	, with no unauth	orized a	attachm	ents.
Remarks					
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete	ı	ı	ı	 	T
3. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete Criteria:			1	2	3
*Free of leaks.					1
*Attachments are secure.					
*No signs of failure, separation, or curling.					
Remarks					
4. Doors:			1	2	3
Criteria:					L
*Overhead doors raise and lower smoothly, and can be locked in place. *Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Remarks					

III. Facility Conditions (Continued)	General (Conditions			
	Satisfactory	Unsatisfactory	Miss	ion Imp	act^^
5. Floors:	,	-	1	2	3
Criteria:			'		J
*Concrete is in good condition, without cracks and with a smooth surface to allow each	asy equipment	movement.			
Remarks					
6. Ceiling:			4	2	2
Criteria:			1	2	3
*No visible damage, watermarks, or sagging.					
*No obvious hazards to personnel on the floor.					
Remarks					
7. Hoist and Lifting Crane:			1	2	3
Criteria:					3
*Permanently mounted systems are electrically bonded to the facility.					
*System is in good repair. *Certification and proof-load records are up-to-date.					
*Traverse movement is smooth and unimpaired.					
Remarks					
8. HVAC:			1	2	3
Criteria:					
*Ductwork and accessories are well supported, insulation intact, and outlet diffusers					
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine	ed.				
*Wiring is in conduits and insulation is intact.					
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean. *Stand alone agricument (beiler and abiller units) is well maintained.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted. *Damper controls and motors are in good working order.					
Remarks					
i Cerriai NS					
9. Facility Electrical:			4	0	0
Criteria:			1	2	3
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50' (15 m) away from					
facilities.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*Substations are away from explosives operations.					
*Switches and breakers contain lightning arrestors.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices will be installed.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

	General	Conditions	Micc	ion Imp	act**
	Satisfactory	Unsatisfactory	IVIIS	sion imp	acı
10. Plumbing and Mechanical Systems:			1	2	3
Criteria:			'	2	J
*Drainage systems support holding tanks, and drain and waste facilities are prope	rly maintained.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
11. Fire Protection/Prevention:			1	2	3
Criteria:			'		3
*Sprinkler System Piping is properly installed and supported; system is free of le	aks; sprinkler he	ads are properly	y positio	ned; ar	d the
system shut-off valve is readily accessible and unobstructed.	· •			,	
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are cur	rent				
	iciii.				
*Fire Alarm Panel is marked and accessible. *Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
	a ara aummantad	and accured			
*Halon System Inspections are current; instructions are posted; and halon bottle	s are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.					
*Emergency Evacuation Sufficient stairs available (if applicable); when possible	a minimum of t	vo 32-in (812 mı	m) wide	outwar	d-
opening doors within 75 ft (23 m) for emergency evacuation.					
Remarks					
	_				
12. Natural Gas Storage and Distribution (as applicable):		Ι	1	2	3
Criteria:			1	2	3
	e (anode) volum	e is 25 % or mo	-	2	3
Criteria:	, ,		re.		
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plan	, ,		re.		
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar	, ,		re.		
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plai *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion.	d other moving	objects; piping p	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plai *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria:	d other moving	objects; piping p	re. enetrati	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plai *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution:	d other moving	objects; piping p	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plai *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria:	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning 6	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning e *Steam/Hot Water Generation Temperature and cooling controls are operable; p system provides sufficient quantities.	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning expressions are operable; properly installed controls are operable; properly installed and controls areal properly installed and controls are operable; properly instal	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning e *Steam/Hot Water Generation Temperature and cooling controls are operable; p system provides sufficient quantities.	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning e *Steam/Hot Water Generation Temperature and cooling controls are operable; p system provides sufficient quantities.	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning e *Steam/Hot Water Generation Temperature and cooling controls are operable; p system provides sufficient quantities.	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is
Criteria: *Cathodic Protection A system is installed, corrosion free, and the sacrificial plat *Pipes, Valves, and Fittings Outside components are protected from vehicles ar grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure and tank surface and connections are free of corrosion. Remarks 13. Central Steam / Hot Water Generation and Distribution: Criteria: *Heating Water Treatment Filters are properly installed and water-conditioning e *Steam/Hot Water Generation Temperature and cooling controls are operable; p system provides sufficient quantities.	relief valves, and	e protected from	re. enetrati vehicul	ng the fa	acility is

III. Facility Conditions (Continued)	General Conditions		Mission Impac		act**
	Satisfactory	Unsatisfactory	IVIIS	sion imp	acı
14. Compressed Air Generation and Distribution: Criteria:			1	2	3
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is i operable. *Compressors Tank and accessories are secured; foundation is paved or padded release valves are operable.		•			
Remarks					
remarks					
15. Pavements: Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; markings a *Parking Properly sited; sufficient room to maneuver; type of pavement supports of spaces; and lots are properly marked.	re legible; and i gross weight of	s sufficient in wi		dequate	;
*Drainage Structures are sound and maintained; and areas are free of debris and	blockage.				
Remarks					
16. Grounds: Criteria:			1	2	3
*Sidewalks, Structures, and Miscellaneous Pads Sidewalks are in good repair; pa	ds are in good	repair; and pads	are su	fficiently	/ sized
for equipment. *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h *Erosion Control Area is free of erosion with suitable vegetation to prevent erosion *Fencing Security fencing is installed and is in good repair; vegetation is controlle Remarks	n.		n gates	s are ope	erable.
17. Water Supply and Distribution: Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequent to the facility must be grounded. *Elevated Tanks Containment areas are free of debris; tanks are in good repair; a threatment Filters are installed and conditioning equipment is maintained.	valves and me				_
Remarks					
18. Lightning Protection System (LPS) Installed: Criteria:			1	2	3
*LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance pat *LPS components are grounded and all metallic penetrations are bonded. *Side-flash protection is provided through separation. *Surge protection is provided. *Meets NFPA 780 and MIL-HDBK-419 requirements.	ths to ground.				
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

	General (Conditions	Miss	ion Imp	act**
	Satisfactory	Unsatisfactory	IVIIOC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	uot
19. Lighting:			1	2	3
Criteria:	*				
*Fluorescent Fixtures If not designed with self-locking tubes, must a retaining designed stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles) *General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5 require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is *Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im *Computer Usage Lighting is adequate but not too bright to cause glare or discording the following shadows.	of light. 4 meter-candle contacted to en portant for exte	sure proper illur			
Remarks					
20. Unique Local Facility Features:			1	2	3
Criteria			'		J
Remarks					
Photographic Documentation (If yes, please attach) Remarks		Y	es	N	0
Are work orders (Air Force Form 332) required for discrepancies?			es		0
Will completion of "332" work order discrepancies restore the building to an operational	condition?	Y	es	N	0
Remarks					
IV. Summary					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

	FACILI'	TIES ASSESSME	NT CH	ECKLIST					
	Code 218-712 Aircraft uipment (AGE) Facility]	t Support Equipment	Shop/St	torage Fac				rounc	1
Installation Name	iipinoni (-1-2) - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Location	0 0 0 0 0 0 0		/ Bldg Nun				
Inspector	Unit POC	Insp. Date		MAJCC					
Sq Footage	Type Constr.	Year Built			ast Inspec	ction			
Facility Purpose: T	his facility is used to inspect, n	naintain, repair, and service	assigned	powered and	non-powe	ered Mur	nitions	Materie	.l
Handling Equipment	` ,								
Facility Component									
	rall condition of the facility v		ıpact.		\longrightarrow			equireme	
	master plan reflect the current	facility category code?			F	Mee	ts	Does N	ot Meet
,	utstanding AF Forms 332?		0				1	l	
-	afety or security write-ups on the	-			L			Щ	
,	y user have the site plan availa	•	vithin the ex	xplosives clea	r zone ard	c?			
•	ze and shape meet mission need from mission needs								
	f facility detract from mission p design allow for known future								
Remarks	design allow for known future	MISSION CHANGES:							
II. Mission Design	Requirements			Design Re Meets	equirement Doesn't		Miss	sion Impa	act**
•	n and exhaust systems installe maintenance work bays.	ed and functional in adminis	trative				1	2	3
Remarks	idiliteriarioo work says.				<u> </u>		—		
2. Bay door size mu	ust be commensurate with the	size of the support equipme	ent.				1	2	3
Remarks					1				
	ends on the amount of assigne 7.9, for space requirements.	ed support equipment. Refe	er to AFH				1	2	3
Remarks	,								
4. For powered mu	ınitions trailers, an additional 23	30 sq ft (21 m ²) is authorize	d for				1	2	3
each additional to functionals for in	trailer stored indoors. (Consult door trailer storage requiremer	the MAJCOM CE and Murnts.)	itions				لـــــــ	لـــــــا	
Remarks									
5. One overhead ho	oist·		$\overline{}$			$\overline{}$			
	ailers Minimum 10-ton (10,16	30 kg) capacity.	L				1	2	3
	ed Trailers Minimum 5-ton (5,080 kg) capacity.							
Remarks									
	a separate utility room for low	air pressure system (120 p	sig (827				1	2	3
kPa) lines for ead Remarks	ch bay) and HVAC.				<u> </u>				
	e drive-through work bays with dependent upon mission and		S.				1	2	3
Remarks									
Electrical Power *Non-Powered T	Requirements. railers 120 and 220VAC, 60	1 H ₇					1	2	3
	s 120, 220, and 440 VAC 60		usly space	d in and arour	nd facility)	<u>_</u>	—		
Remarks	·	,							

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)		quirements	Miss	sion Imp	act**
9. Facility must have:	Meets	Doesn't Meet		I	I
*Tool, supply, bench stock, and equipment room.			1	2	3
*Ready and/or training room with personnel lockers available. *Latrine facilities.					
*Approximately 1,500 sq ft (139 m ²) administrative area.					
Remarks					
10. Facility must have serviceable lightning protection system as per NFPA 780, Chapter 3 (Ordinary Structures).			1	2	3
Remarks		<u> </u>		l	l
In If facility is located within the explosives clear zone, facility must be constructed.					
with DDESB approval since it would be considered an exposed site. Remarks			1	2	3
Remains					
12. Wash Rack (Indoor or Outdoor).					
*Equipped with hot and cold running water.					
*Has floor drainage with an oil-water separator. *Has power receptacles and compressed air.					
*Complies with OSHA, EPA, and state environmental control measures.					
Remarks					
III. Facility Conditions	General (Conditions	Min		
·	Satisfactory	Unsatisfactory	IVIISS	sion Imp	acı
Explosives Safety: Criteria:			1	2	3
*Siting Requirements If required, facility is sited in accordance with DoD 6055.9 S	STD and AFMAI	N 91-201. Any e	exception	ns are p	properly
identified and risk assessments are performed. *Inspections Annual ground safety and facility inspections are performed.					
*Windows Made of blast-resistant material if within the explosives clear zone.					
*General Facility has good drainage and is vermin resistant.					
Remarks					
2. Walls:			1	2	3
Criteria: *Exterior Clean, intact, and free from damage. Paint and caulking are in good co	ndition and water	er tiaht	•	_	
*Interior Structural members and cross bracing are free from deterioration, adequ			stalled,	caulking)
around wall penetrations watertight, and there are no unauthorized attachments that	at may comprom	nise the design for	unction	•	
Remarks					
2 Post: (Circle One) Chingle Matel Council Polled Francille Council		1		ı	ı
Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete Criteria:			1	2	3
*Free of leaks.					
*Attachments are secure.					
*No signs of failure, separation, or curling. Remarks					
4. Doors: Criteria:			1	2	3
*Overhead doors raise and lower smoothly, and can be locked in place.		<u> </u>		1	1
*Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Remarks					

III. Facility Conditions (Continued)	General Conditions		Mission Impac		oot**
	Satisfactory	Unsatisfactory	IVIISS	sion imp	acı
5. Floors:			1	2	3
Criteria:				_	Ŭ
*Concrete is in good condition, without cracks and with a smooth surface to allow 6	easy equipment	movement.			
*Adequate drainage with oil-water separator in maintenance work bays. Remarks					
i Certai NS					
6. Ceiling:			1	2	3
Criteria:				_	Ŭ
*No visible damage, watermarks, or sagging.					
*No obvious hazards to personnel on the floor. Remarks					
Remarks					
7. Hoist and Lifting Crane:			1	2	3
Criteria:					
*Permanently mounted systems will be electrically bonded to the facility.					
*System is in good repair. *Certification and proof-load records are up-to-date.					
*Traverse movement is smooth and unimpaired.					
Remarks					
T Comano					
8. HVAC:			1	2	3
Criteria:				_	Ŭ
*Ductwork and accessories well supported, insulation intact, and outlet diffusers ar					
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintain	ned.				
*Wiring is in conduits and insulation is intact.					
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
Remarks					
0 Facility Flactricals	1	1			
9. Facility Electrical: Criteria:			1	2	3
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support equipment may have special electrical requirements.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*May need explosive-proof fixtures.					
*Switches and breakers contain lightning arrestors.					
· · ·					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices are installed.					
Remarks					

III. Facility Conditions (Continued)	General (Conditions	Miss	sion Imp	act**
	Satisfactory	Unsatisfactory		uot	
10. Plumbing and Mechanical Systems:			1	2	3
Criteria:			<u> </u>	_	Ů
*Drainage systems support holding tanks, and drain and waste facilities are properly	y maintained.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
*Emergency eyewash and shower stations installed.					
Remarks					
11. Fire Protection/Prevention:			1	2	3
Criteria:			-		
*Sprinkler System Piping is properly installed and supported; system is free of lea	ks; sprinkler he	ads are properly	y positic	ned; an	d the
system shut-off valve is readily accessible and unobstructed.					
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curre	∍nt.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised around the facility. *Emergency Evacuation Sufficient stairs available (if applicable); when possible, a	a minimum of tw	vo 32-in (812 mi	m) wide	outwar	4_
opening doors within 75 ft (23 m) for emergency evacuation.	a illillillillidilli Oi tv	VO 32-III (O 12 IIII	ii) wide	Outwart	u-
*Fire extinguishers readily available.					
*Flammable and combustible materials are properly stored.					
*Facility is clean.					
Remarks					
12. Natural Gas Storage and Distribution (as applicable):				_	_
Criteria:			1	2	3
*Cathodic Protection A system must be installed, corrosion free, and the sacrificia	l plate (anode)	volume is 25%	or more		
*Pipes, Valves, and Fittings Outside components are protected from vehicles and					acility
are grounded; and shut-off valves are readily accessible.		,e e.e., p.pg p			
*Regulators Are accessible, supported, and leak-free.					
*Storage Tanks Are securely anchored to their support structure, have pressure re	elief valves, are	protected from	vehicul	ar dama	age.
and tank surface and connections are free of corrosion.	•	•			0 /
Remarks					
13. Central Steam / Hot Water Generation and Distribution:			4		_
Criteria:			1	2	3
*Heating Water Treatment Filters are properly installed and water-conditioning eq	uipment is mair	ntained current.	<u> </u>		
*Steam/Hot Water Generation Temperature and cooling controls are operable; pro			are anc	hored: a	and
system provides sufficient quantities.		opo.aa.o,oo	0 00.		
Remarks					
Tomano					

III. Facility Conditions (Continued)	General (al Conditions Missi		Mission Impa	
	Satisfactory	Unsatisfactory	141100	1011 11116	aui
14. Compressed Air Generation and Distribution: Criteria:			1	2	3
Criteria: *Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is i	installed; and v	alves, dehydrato	ors. and	meters	are
operable.	-				
*Compressors Tank and accessories are secured; foundation is paved or padded	i; data plate is le	egible; and pres	sure reç	Julators	and
release valves are operable. Remarks					
15. Pavements:					
Criteria:	<u></u>		1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night ope					
*Roads Pavement is structurally sound and supports loaded vehicles; markings a *Parking Properly sited; sufficient room to maneuver; type of pavement supports of pavement	-			dequate	۷
spaces; and lots are properly marked.	J1000 #01g c.	doorgriou oqu.,	mong c.	Joquett	
*Drainage Structures are sound and maintained; and areas are free of debris and	ı blockage.				
Remarks					İ
					ļ
					1
16. Grounds:			1	2	3
Criteria:	ond	- de are sufficie			
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in good equipment.	od repair, and p)ads are sunicie	ntiy size	;O TOI	İ
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h	noles and other	hazards.			
*Erosion Control Area is free of erosion with suitable vegetation to help prevent e		t territori			
*Fencing (if applicable) Security fencing is installed and is in good repair; vegetati gates are operable.	on is controlled	around fencing	; and ra	il-driven	1
Remarks					
17. Water Supply and Distribution:		T			_
Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequ				<u>-</u>	-
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; the facility must be grounded.	, valves and me	ters are operabl	le; and p	oipes en	itering
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	uctures are stabl	le and ir	n good r	epair.
*Water Treatment Filters are installed and conditioning equipment is maintained.					
Remarks					
18. Lightning Protection System (LPS) Installed:			$\overline{}$		
Criteria:			1	2	3
*LPS inspection documentation being properly maintained.			1		<u> </u>
*An LPS is Installed System features include air terminals and low impedance pat	ths to ground.				
*LPS components are grounded and all metallic penetrations are bonded.					
*Surge protection is provided. *Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					
remand					

Ш	Facility Conditions (Continued)	General (Conditions Unsatisfactory	Mission Impa		act**
19.	Lighting: Criteria:			1	2	3
	*Fluorescent Fixtures If not designed with self-locking tubes, must have a retaini	ing device.				<u> </u>
	*Stairs and Ramps Must be illuminated with at least 5 foot-candles (54 meter-can *General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5		os) of light while	dotailoc	l work n	227
	require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is		, .			•
	*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im *Computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Usage Lighting is adequate but not too bright to cause glare or discomposed in the computer Lighting is adequate Lighting is adequat		erior lighting.			
	*No burnt out bulbs.	nort.				
Re	marks					
20	Hydraulic Unit (as applicable):			4		
	Criteria:			1	2	3
	*Unit is clean. *Electrical cables are in good repair.					
	*Fluid reservoir is operable. *Hoses and fittings are in good condition.					
	*Service records are available and current.					
Re	marks					
21.	Liquid Fuel Storage and Distribution (as applicable): Criteria:			1	2	3
	*Piping, Valves, and Fittings Piping outside berm area is protected; piping penetra	ating facility is g	I grounded; and n	o leaks.		Ь
	*Pumps Regulators installed and properly work; and maximum pressure placarde		مع امريما امريما ط			.4
	*Tanks Supported and securely anchored; contents clearly labeled; free from corr devices; and located in bermed area to contain contents.	osion, illed wil	iri ilquiu ievei ga	uges, n	ave ven	ι
	*Secondary Containment Container free of cracks and leaks; sufficient for volume		nd other objects	i.		
Re	*Cathodic Protection Installed; free of corrosion; and sacrificial plate volume is 25 marks	% or more.				
22	Unique Local Facility Features:			1	2	3
	Criteria:]			
Re	marks					
	otographic Documentation (If yes, please attach)		Y	es	١	No
Re	marks					
					Ī:	
	work orders (Air Force Form 332) required for discrepancies?			es		lo .
	I completion of "332" work order discrepancies restore the building to an operational marks	condition?	Y	es	ľ	No No
ΙV	. Summary					
1						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard



		ITIES ASSESSMENT C					
	Category Co	de 422-253 Multi-cubicle					
Installation Name	Linia DOO	Location		y Bldg Number			
Inspector Sq Footage	Unit POC Type Constr.	Insp. Date Year Built	MAJC	ast Inspection			
		all quantities of explosives. Facilitie			ibility aı	oups an	ıd
storing munitions assets b				,. ogag oopa.	·~···, 9·	очьо ч.	
Facility Components							
		with respect to mission impact.				quireme	
	er plan reflect the current	t facility category code?		Me	ets	Does N	ot Meet
*Are there any outstar	-						
	•	the facility from the latest inspection	s?				
	ie magazine size and sna r have the site plan availa	ape meet mission needs?					
,	lity detract from mission						
	ign allow for known future						
Remarks	<u>y </u>						
II. Mission Design Req	uirements		Design Re	equirements	Mice	sion Imp	act**
			Meets	Doesn't Meet	IVIIO	ыон шір	acı
Constructed of concre	ete.				1	2	3
Remarks							
2. Doors are made of ste	eel and are the hinged, re	oll-up, or rolling type.			1	2	3
Remarks							
3. Constructed with appr	roval of the DDESB.				1	2	3
Remarks							
4. Size dependent upon	mission needs.				1	2	3
Remarks	_			<u> </u>			
5. Facility requires a ser	viceable lightning protect	tion system.			1	2	3
Remarks				•			
6. Facility may require H	VAC for climate control.				1	2	3
Remarks			•			1	
7 Doors must have high	n-security hasns May no	eed an intrusion detection system.	1			I	
		ood all illitiation detection system.			1	2	3
Remarks							

^{**} Impact: 1 - Minimal or No Impact

2 - Degraded Impact with "Work Arounds"

3 - Critical Impact - No Suitable Work Arounds;

Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)		quirements	Miss	ion Imp	act**
O Anna in frant of decrees the consistence of headiling a suitance of	Meets	Doesn't Meet		· '	
Apron in front of door must permit safe operation of handling equipment.			1	2	3
Remarks					
III. Facility Conditions	General (Conditions	Mico	ion Imp	act**
	Satisfactory	Unsatisfactory	IVIIO	sion imp	acı
1. Explosives Safety:			1	2	3
Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AFN	// AN 01-201 O	D requirements	are cat	efied ne	at .
explosives weight limits are not exceeded, and commensurate measures are in-place		•			
assessments are performed.	,				
*Individual cells If 12-in (305 mm) reinforced concrete substantial dividing walls or	equivalent prote	ction is used, up	to 425	lbs. (19	3 kg)
of 1.1 munitions may be stored in each bay without totaling up the NEW of the entire		•			
cells. Store munitions a minimum of 3 ft (.9 m) from any dividing wall (see AFMAN 9	91-201).				
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
*Placards Explosives limits and fire/chemical symbols are displayed. Signs may be		individual doors			
*Inspections Annual ground and explosives safety and facility inspections are perfo	ormed.				
*General Facility has good drainage and is vermin resistant.					
Remarks					
2. Barricade Walls (if applicable):			1	2	3
Criteria:			•	_	Ů
*Must meet "2 degree" rule.					
*Top of barricade wall must be at least 3 ft (.9 m) wide. *No substantial erosion.					
Remarks					
remarks					
3. Roof:			1	2	3
Criteria:					
*Free of leaks. *Attachments are secure.					
*No signs of failure.					
Remarks					
4. Walls:					
				2	3
			1		-
Criteria: *Exterior Clean: free from damage: intact: paint and caulking in good condition.			1		
*Exterior Clean; free from damage; intact; paint and caulking in good condition.	ts that may com	promise the des		ction; an	
	ts that may com	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen	ts that may com	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight.	ts that may con	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight.	ts that may con	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks	ts that may con	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors:	ts that may con	promise the des		ction; an	
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. <i>Doors:</i> Criteria:	ts that may com	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs.	ts that may com	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. <i>Doors:</i> Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition.	ts that may con	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. <i>Doors:</i> Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing.	ts that may con	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. <i>Doors:</i> Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition.	ts that may con	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. <i>Doors:</i> Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing.	ts that may con	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required).	ts that may con	promise the des	sign fun		d
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required). *Roll-up doors must raise and lower smoothly.	ts that may com	promise the des	sign fun		d

III. Facility Conditions (Continued)	General Conditions		Mission Impact**		
	Satisfactory	Unsatisfactory	IVIISS	ion imp	acı
6. <i>Floors:</i> Criteria:			1	3	3
*Concrete is in good condition without cracks and with a smooth surface to allow eas	y equipment mo	ovement.			
Remarks					
7. Ceiling: Criteria:			1	2	3
*No visible damage or watermarks. *No obvious hazards to personnel on the floor.					
Remarks					
8. Fire Protection/Prevention: Criteria:			1	2	3
*Fire Drills Conducted at least every six months. *Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities. *Fire extinguishers are available during operations. *Facility is kept clean and free of combustible materials. *Flammables and combustibles are not stored in close proximity to the facility.					
9. Pavements: Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night operations are security lights are installed and supports loaded vehicles; markings are secured are supports. Properly sited; sufficient room to maneuver; and type of pavement suppor *Drainage Structures are sound and maintained; and areas are free of debris and be	e legible; and is ts gross weight	sufficient in wid			
Remarks					
10. Grounds: Criteria:			1	2	3
*Pads Pads are in good repair; and pads are sufficiently sized for equipment. *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of ho *Erosion Control Area is free of erosion with suitable vegetation to help prevent ero *Fencing Security fencing is installed and is in good repair; and vegetation is control	sion.				
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

iii. Facility Conditions (Continued)		Conditions	Miss	ion Imp	act**
11. HVAC:	Satisfactory	Unsatisfactory			
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	clean.				
*Central equipment is clean and well maintained.					
*Wiring is in conduits and insulation is intact.					
Remarks					
12. Facility Electrical:					
Criteria:			1	2	3
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50' (15 m) away from faciliti	ies.				
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight. *Switches and breakers contain lightning arrestors.					
Remarks					
12 Limbining Protection Contains (LDC) Installed		T		l i	1
13. Lightning Protection System (LPS) Installed: Criteria:			1	2	3
*LPS inspection documentation being properly maintained.					
*An LPS is Installed System features include air terminals and low impedance path	is to around.				
*Meets NFPA 780 and MIL-HDBK-419 requirements.	3				
Remarks					
14. Lighting:			1	2	2
Criteria:			1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to en			able.		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very imp	ortant for exteri	or lighting.			
*No burnt out bulbs.					
Remarks					
45 Heima Land Fadille Fadimen					
15 Unique Local Facility Features:			1	2	3
Criteria:					
*					
*					
Remarks					

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
IV. Summary		
······································		ļ

	FACILI	TIES ASSESSMENT CH	HECKLIST				
	Category Code 422	2-256 Rocket Check Out a	ınd Assembl	y Storage			
Installation Name		Location		Bldg Number			
Inspector	Unit POC	Insp. Date	MAJCO				
Sq Footage	Type Constr.	Year Built		ast Inspection	ر براما	-	ام-د،
		erves as an operating location to according built-up rockets. Since the adve					
		I for other operations (e.g., flare and				IIIy Gricoi	KS ()
Facility Components	·	Tot office operations (e.g., many and	Olidii ballaap,	9011 1001101 35,	C.C.,.		
		vith respect to mission impact.		Mis	sion Re	equireme	ents
	naster plan reflect the current f				ets	Does N	
	tstanding AF Forms 332?	, , ,				†	-
	-	ne facility from the latest inspections?	?				
•	user have the site plan or licer	•					
	size and shape meet mission n						
	facility detract from mission pe						
	design allow for known future						
II. Mission Design	Requirements		Design Re Meets	equirements Doesn't Meet	Miss	sion Imp	act**
1 Ray doors require	high security hasns. An intru	usion detection system may be	IVICEIO	DOGSILL MICCL			
required.	High security hasps. An initia	SION detection system may be			1	2	3
2. Bay doors must b	e a minimum of 3/8 in (19 mm	ı) thick steel.	T		1	2	3
Remarks			<u> </u>	<u> </u>		<u> </u>	
	2		_				
· ·		vary dependent on the weapons			1	2	3
Remarks	includes field office area.						
` ,	nick reinforced concrete walls r ring maintenance operations a	must be present so the rockets can and storage.			1	2	3
Remarks							
5. Constructed with	approval of the DDESB.				1	2	3
Remarks			1				
6. Facility must have	e serviceable lightning protecti	on and grounding systems.			1	2	3
Remarks			•	•			

III.	Facility Conditions		Conditions	Miss	sion Imp	act**
		Satisfactory	Unsatisfactory		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	uot
1.	Explosives Safety:			1	2	3
į	Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AFM	MAN 91-201 Q	-D requirements	are saf	isfied n	ot .
	explosives weight limits are not exceeded, and commensurate measures are in-place	,			,	
	assessments are performed. See AFMAN 91-201 for special guidance on ES and Pl	•		.uomc	u una	310
	*Facilities Located Outside the MSA Has an approved license.					ļ
	*Placards Explosives limits and fire/chemical symbols are displayed.					ļ
	*Inspections Annual ground and explosives safety and facility inspections are perfo	ormed.				ļ
	*Concurrent Operations MAJCOM interpretation of concurrent operations rules are		factors must c	onsider	whether	r walls
	protrude through ceiling.	, boing rond	, 1001010 11.001 2.	Jiloias.	WIIO	wanc
	*Grounding A means to dissipate static electricity buildup is installed; static bonds	and grounds ar	re tested for resig	stance a	and conf	tinuity
	and records are on hand as per AFI 32-1065.	•				_
	*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and Class I	ass II (explosive	es dust) environn	nents; I	JL-appr	oved
	lights are acceptable for all other environments.					ļ
	*Wiring Wires to structures are underground at least 50 ft (15 m) away and have lig	ghtning arrestor	s and surge prot	.ection.	Conduit	ts
	require bonding to the facility at point of entry.					ļ
	*Smoking prohibited within 50 ft (15 m) of explosives.					ļ
i	*Windows Made of blast-resistant material.					•
	*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					ļ
<u> </u>	*General Facility has good drainage and is vermin resistant.					
Rer	marks					•
i						•
i						•
i						ļ
<u> </u>						
2.	. Walls:			1	2	3
į	Criteria:					J
i	*Exterior Clean, intact, and free from damage. Paint and caulking are in good cond					ļ
	*Interior Structural members and cross bracing are free from deterioration, caulking	g around wall pe	enetrations water	rtight, a	nd there	are
	no unauthorized attachments that may compromise the design function. *Bay walls 12-in (305 mm) thick reinforced (2,500 psig) (17,236 kPa) concrete, in g	good condition.	with no unauthor	rized att	achmer	nts
Rer	marks	Jood Cortainors,	With the diladire.	1200 011	acimino	lo.
1	Hairo					
Ļ		 	, 			
3.	. Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete Criteria:			1	2	3
	*Free of leaks.				<u> </u>	
	*Attachments are secure.					
	*No signs of failure, separation, or curling.					
Rer	marks	-				
i						ŀ
						ŀ
4.	. Doors:	T		1	2	3
	Criteria:		<u> </u>			3
	*Doors swing freely and fit in jambs.					
	*Locks and security hasps are in good condition.					ļ
	*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Rei	marks					ŀ
5	. Floors:					
٥.	Criteria:			1	2	3
	*Concrete is in good condition, without cracks and with a smooth surface to allow eas	isv equipment m	novement.			-
Rer	marks	oy	010			
			-			
6.	. Ceiling:	Γ		1	2	3
i	Criteria:		<u> </u>	<u> </u>	<u> </u>	إــــــا
	*No visible damage, watermarks, or sagging.					ļ
Rer	*No obvious hazards to personnel on the floor. marks					
110.	Hairs					ļ

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions		Mission Impact**		
	Satisfactory	Unsatisfactory	IVIISS	sion imp	acı
7. HVAC:			1	2	3
Criteria:			·		
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are of a *Central equipment (heat exchangers, pumps, and fans) is clean and well maintained *Wiring is in conduits and insulation is intact. *Electrical control and switchgear is properly tagged, labeled, and housed. *Filters are clean. *Stand-alone equipment (boiler and chiller units) is well maintained. *Start/stop control switch is properly mounted. *Damper controls and motors are in good working order.					
Remarks					
remand					
8. Facility Electrical:			1	2	3
Criteria:					
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50 feet (15 m) away from					
facilities.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Substations are away from explosives operations.					
*Switches and breakers contain lightning arrestors and surge protection.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
Remarks					
9. Fire Protection/Prevention:				_	
Criteria:			1	2	3
*Sprinkler System Piping is properly installed and supported; system is free of leak	s: sprinkler hea	ds are properly	position	ed: and	the
system shut-off valve is readily accessible and unobstructed.	, ,			,	
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are currer	nt				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles a	are supported a	nd secured.			
*Fire Drills Conducted at least every six months.					
*White Phosphorous (WP) A water supply (e.g., barrel) and a safety kit containing	flame-proof glov	es, face shield,	and ski	n coveri	ng,
must be available when handling unpackaged WP items.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.					
*Emergency Evacuation A minimum of two 32-in (812 mm) wide outward-opening	doors within 75	ft (23 m) for eme	ergency		
evacuation.					
Remarks					

III. Facility Conditions (Continued)	General Conditions		Mission Impact		act**
	Satisfactory	Unsatisfactory	IVIISS	sion imp	acı
10. Compressed Air Generation and Distribution (as applicable): Criteria:			1	2	3
*Pipes, Valves, and Fittings Piping is located below grade; cathodic protection is in	stalled; and val	ves, dehydrators	s, and m	neters a	е
operable. *Compressors Tank and accessories are secured; foundation is paved or padded;	data plate is leg	gible; and pressu	ıre regu	lators ar	nd
release valves are operable. Remarks					
11. Plumbing and Mechanical Systems:			1	2	3
Criteria:			<u> </u>	_	Ů
*Drainage systems support holding tanks, and drain and waste facilities are properly	maintained.				
*Meters are operable. *Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
Remarks					
12. Pavements:			1	2	3
Criteria:			<u> </u>		J
*Lighting Perimeter security lights are installed and sufficient lighting for night oper					
*Roads Pavement is structurally sound and supports loaded vehicles; markings are *Parking Properly sited; sufficient room to maneuver; and type of pavement supports	-				
*Drainage Structures are sound and maintained; and areas are free of debris and b	-	or assigned equ	лринени	=	
Remarks	Diockage.				
13. Grounds:			1	2	3
Criteria: *Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in goo	d renair: and na	de are sufficient	tly sized	l for	
equipment.	u repair, and pe	ads are sufficient	lly Sizeu	1 101	
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of ho	les and other h	azards.			
*Erosion Control Area is free of erosion with suitable vegetation to prevent erosion.					
*Fencing Security fencing is installed and is in good repair; and vegetation is control	olled around fer	ncing.			
Remarks					
14. Water Supply and Distribution:			_	_	2
Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequa-					
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; v	valves and mete	ers are operable	; and pip	oes ente	ring
the facility must be grounded.		turaa ara atabla	and in a		air.
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; an *Water Treatment Filters are installed and conditioning equipment is maintained.	ia support struc	lures are stable	and in g	jood rep	all.
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Miss	ion Imp	act**
	Satisfactory	Unsatisfactory	IVIIOC	ion imp	aot
15. Installed Support Equipment:			1	2	3
Criteria:					
*Storage Racks Are securely affixed to the facility *Assembly Stands Are secured to the facility or workbench and must be grounded					
Remarks	•				
16. Lightning Protection System (LPS) Installed:			1	2	3
Criteria:			,		Ů
*LPS inspection documentation being properly maintained.					
*An LPS is Installed System features include air terminals and low impedance path	s to ground.				
*LPS components are grounded and all metallic penetrations are bonded. *Side-flash protection is provided through separation.					
*Surge protection is provided.					
*Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					
17. Lighting:				_	_
Criteria:			1	2	3
*Fluorescent Fixtures If not designed with self-locking tubes, must have a retaining	g device.				
*Ramps Are illuminated with at least 5 foot-candles (54 meter-candles) of light.					
*General Illumination Guidelines Are illuminated with at least 5 foot-candles (54 me foot-candles (1,076 meter-candles). Bio-Environmental Engineering is contacted to				y require	e 100
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very imp			aliable.		
*Computer Usage Lighting is adequate but not too bright to cause glare or discomfi					
*No burnt out bulbs.					
Remarks					
18. Unique Local Facility Features:					
Criteria			1	2	3
0.10.10					
Remarks					
INGINA					

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
N/ 0		
IV. Summary		

	FACII	ITIES ASSESSMENT (CHECKLIST				
		ode 422-257 Segregated		age			
Installation Name		Location		Bldg Number			
Inspector	Unit POC	Insp. Date	MAJCC				
Sq Footage	Type Constr.	Year Built		ast Inspection			
		nall quantities of explosives. Facilities	es are ideal for seg	regating compati	bility g	oups an	id
Facility Components	s belonging to custody acco	ounts.					
	I condition of the facility	with respect to mission impact.		Miss	sion Re	equireme	ents
*Does the base ma	ster plan reflect the current	t facility category code?		Mee		Does N	
	tanding AF Forms 332?	, , ,				2000	
· · · · · · · · · · · · · · · · · · ·		the facility from the latest inspection	ns?				
*Does the magazine	e size and shape meet mis	sion needs?					
*Does the facility us	ser have the site plan availa	able?					
	cility detract from mission p						
*Does the facility de Remarks	esign allow for known future	e mission changes?					
II. Mission Design Re	equirements			quirements	Miss	sion Imp	act**
Constructed of cond	crete.		Meets	Doesn't Meet	1	2	3
Remarks							3
remand							
2. Doors are made of	steel and are the hinged, re	oll-up, or rolling type.			1	2	3
Remarks			•				
3. Constructed with ap	proval of the DDESB.				1	2	3
Remarks			•				
4. Size dependent upo	on mission needs.				1	2	3
Remarks							
5. Facility requires a s	erviceable lightning protec	tion system.			1	2	3
Remarks							
6. Facility may require	e HVAC for climate control.				1	2	3
Remarks			•				
7. Doors must have hi	gh-security hasps. May ne	eed an intrusion detection system.			1	2	3
Remarks			•				

II. Mission Design Requirements (Continued)		quirements	Miss	ion Imp	act**
	Meets	Doesn't Meet		· '	
Apron in front of door must permit safe operation of handling equipment.			1	2	3
Remarks					
III. Facility Conditions	General (Conditions	Mico	ion Imp	act**
	Satisfactory	Unsatisfactory	IVIIO	sion imp	acı
1. Explosives Safety:			1	2	3
Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AFI	MAN 91-201 O	D requirements	are cat	efied ne	at .
explosives weight limits are not exceeded, and commensurate measures are in-place		•			
assessments are performed.	,				
*Individual cells If 12-in (305 mm) reinforced concrete substantial dividing walls or	equivalent prote	ction is used, up	to 425	lbs. (19	5 kg)
of 1.1 munitions may be stored in each bay without totaling up the NEW of the entire		•			
cells. Store munitions a minimum of 3 ft (.9 m) from any dividing wall (see AFMAN 9	1-201).				
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
*Placards Explosives limits and fire/chemical symbols are displayed.					
*Inspections Annual ground and explosives safety and facility inspections are perfo	ormed.				
*General Facility has good drainage and is vermin resistant.					
Remarks					
2. Barricade Walls (if applicable):			1	2	3
Criteria:					
*Meets "2 degree" rule. *Top of barricade wall are at least 3 ft (.9 m) wide.					
*No substantial erosion.					
Remarks					
remains					
3. Roof:			1	2	3
Criteria:					
*Free of leaks. *Attachments are secure.					
*No signs of failure.					
Remarks					
4 Walls:					
4. Walls: Criteria:			1	2	3
4. Walls: Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition.			1	2	3
Criteria:	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition.	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight.	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight.	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors:	ts that may com	promise the des			
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria:	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs.	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition.	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing.	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required).	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required). *Roll-up doors must raise and lower smoothly.	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required).	ts that may com	promise the des	sign fun	ction; an	d
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachmen caulking around wall penetrations watertight. Remarks 5. Doors: Criteria: *Doors swing/roll freely and fit in jambs. *Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required). *Roll-up doors must raise and lower smoothly.	ts that may com	promise the des	sign fun	ction; an	d

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impa

III. Facility Conditions (Continued)	General Conditions		Mission Impac		
	Satisfactory	Unsatisfactory	IVIISS	ion imp	acı
6. Floors:			1	3	3
Criteria:			•		Ŭ
*Concrete is in good condition without cracks and with a smooth surface to allow eas Remarks	y equipment mo	ovement.			
Remarks					
7. Ceiling:			1	2	3
Criteria: *No visible damage or watermarks.					
*No obvious hazards to personnel on the floor.					
Remarks					
8. Fire Protection/Prevention:					
Criteria:			1	2	3
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 feet (15 m) of above-ground facilities.					
*Fire extinguishers are available during operations.					
*Facility is kept clean and free of combustible materials.					
*Flammables and combustibles are not stored in close proximity to the facility. Remarks					
Remarks					
9. Pavements:			1	2	2
Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night open			L		
*Roads Pavement is structurally sound and supports loaded vehicles; markings are *Parking Properly sited; sufficient room to maneuver; and type of pavement support	-				
*Drainage Structures are sound and maintained; and areas are free of debris and by	-	or assigned equ	припени		
Remarks	<u> </u>				
10. Grounds:			1	2	3
Criteria:					
*Pads Pads are in good repair; and pads are sufficiently sized for equipment.	loo and other be	azordo			
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of ho *Erosion Control Area is free of erosion with suitable vegetation to help prevent ero		azaius.			
*Fencing Security fencing is installed and is in good repair; and vegetation is control		cing.			
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

iii. Facility Conditions (Continued)	Satisfactory	Unsatisfactory	Mission Impact ery		
11. HVAC:			1	2	3
Criteria: *Ductwork and accessories well supported, insulation intact, and outlet diffusers are *Central equipment is clean and well maintained. *Wiring is in conduits and insulation is intact.	clean.	<u> </u>			
Remarks					
12. Facility Electrical: Criteria:			1	2	3
*All wiring is in conduit.					
*Ground devices are free of corrosion. *Support poles are in good condition and located at least 50' (15 m)away from facilities.	es.				
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures. *Junction boxes are spark-proof and watertight.					
*Switches and breakers contain lightning arrestors.					
Remarks					
13 Lightning Protection System (LBS) In 45-11-4		Г	-	1	
13. Lightning Protection System (LPS) Installed: Criteria:			1	2	3
*LPS inspection documentation being properly maintained.		<u>. </u>			
*An LPS is Installed System features include air terminals and low impedance path *Meets NFPA 780 and MIL-HDBK-419 requirements.	ns to ground.				
Remarks					
		-	1	1	
14. <i>Lighting:</i> Criteria:			1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to en			ible.		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very imp *No burnt out bulbs.	oortant for exteri	or lighting.			
Remarks					
15 Unique Local Facility Features:	1	Г	-	-	
15 Unique Local Facility Features: Criteria:			1	2	3
					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
		ļ
IV. Summary		

	FACIL	ITIES ASSESSMENT C	HECKLIST				
	Category Cod	le 422-258 Above Ground	d Magazine St	orage			
Installation Name		Location	Facility	Bldg Number			
Inspector	Unit POC	Insp. Date	MAJCO				
Sq Footage	Type Constr.	Year Built	Date La	st Inspection			
	facility is used to store all	types of explosives.					
Facility Components							
		with respect to mission impact.				equirem	
	ter plan reflect the current	: facility category code?		Me	ets	Does N	Not Meet
•	anding AF Forms 332?						
*Are there any safety	y or security write-ups on f	the facility from the latest inspectior	าร?				
*Does the igloo size	and shape meet mission i	needs?					
_	er have the site plan availa						
	cility detract from mission p						
	sign allow for known future	e mission changes?					
Remarks							
II. Mission Design Red	quirements		Design Req	•	Mis	sion Imp	nact**
			Meets	Doesn't Meet	14110	0.011 1111	,,,,,,
	us non-combustible mater	rials (e.g., steel, concrete, clay tile,			1	2	3
sheet metal, etc.).							
Remarks							
2. Doors are made of s	teel and be hinged, sliding	g, or roll-up type.			1	2	3
Remarks						<u> </u>	ļ
0.00	and of the DDEOD						
3. Constructed with app	proval of the DDESB.				1	2	3
Remarks							
4. Size dependent upor	n mission needs.				1	2	3
Remarks							
romano							
		explosions to/from adjacent storage			1	2	3
sites and operating le	ocations.						
Remarks							
6. Facility requires a se	erviceable lightning protect	tion system.			1	2	3
Remarks						<u> </u>	
7. Facility may require	HVAC for climate control.				1	2	3
Remarks							
8. Doors must have hig	h-security hasps. May ne	eed an intrusion detection system.			1	2	3
Remarks							

II. Mission Design Requirements (Continued)		Design Requirements			Mission Impact**			
	Meets Doesn't Meet		IVIIS	SIOH IIII	Jact			
Apron in front of door must permit safe operation of handling equipment.			1	2	3			
Remarks				•	-			
III. Facility Conditions	L	Conditions Unsatisfactory	Mis	sion Imp	pact**			
1. Explosives Safety:	Satisfactory	Urisalisiaciory						
Criteria:			1	2	3			
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AFMAN 91-201, Q-D requirements are satisfied, net explosives weight limits are not exceeded, and commensurate measures are in-place. Any exceptions are properly identified and risk assessments are performed. *Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and Class II (explosives dust) environments; UL-approved lights are acceptable for all other environments. *Wiring Wires to structures are underground at least 50 feet (15 m) away and have lightning arrestors and surge protection. Conduits								
require bonding to the facility at point of entry. *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. *Placards Explosives limits and fire/chemical symbols are displayed.		otoro ana bargo	protoct	.011. 00	ridano			
*Inspections Annual ground and explosives safety and facility inspections are per	formed.							
*General Facility has good drainage and is vermin resistant. Remarks								
2. Barricade Walls (if applicable):			1	2	3			
Criteria: *Meets "2 degree" rule.								
*Top of barricade wall is at least 3 ft. (.9 m) wide.								
*No substantial erosion.								
Remarks								
Roof: (Circle One) Rolled Metal Shingle Frangible Gravel Concrete Criteria:			1	2	3			
*Earth-covering at least 24 in. (609 mm) deep (if applicable). *No excessive erosion (if earth-covered). *Free of leaks.				l	l.			
*Attachments are secure.								
*No signs of failure. Remarks								
4. <i>Walls:</i> Criteria:			1	2	3			
*Exterior Clean; free from damage; intact; paint and caulking in good condition. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachme	ents that may co	mpromise the d	esign fu	ınction;	and			
caulking around wall penetrations watertight. Remarks								
5. Doors:			1	2	3			
Criteria:				_	ŭ			
*Doors swing/roll freely and fit in jambs.								
*Locks and security hasps are in good condition.								
*Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (If required).								
*Overhead doors must raise and lower smoothly.								
Remarks								

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Mission Ir		mnact**		
	Satisfactory	Unsatisfactory	IVIIS	SIOII IIII	Jaci		
6. Floors:			1	3	3		
Criteria:			'	3	3		
*Concrete is in good condition without cracks and with a smooth surface to allow ea	sy equipment n	novement.					
Remarks							
7. Ceiling: Criteria:			1	2	3		
*No visible damage or watermarks.							
*No obvious hazards to personnel on the floor. Remarks							
8. Fire Protection/Prevention: Criteria:			1	2	3		
*Fire Drills Conducted at least every six months. *Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities and within 5 ft (1.5 m) of ventilators. *Fire extinguishers are available during operations. *Emergency Evacuation Sufficient stairs available (if applicable); when possible, a minimum of two 32-in (812 mm) wide outward-opening doors within 75 ft (23 m) for emergency evacuation. *Facility is kept clean and free of combustible materials. *Flammables and combustibles are not stored in close proximity to the facility. *Ventilator fusible links are serviceable. Remarks							
9. Pavements: Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; markings a	re legible; and i	is sufficient in wi		2	3		
*Parking Properly sited; sufficient room to maneuver; and type of pavement supporting the sup		nt of assigned ed	quipmer	nt.			
Remarks 10. Grounds:	r stockage.						
Criteria:			1	2	3		
Miscellaneous Pads Pads are in good repair; and pads are sufficiently sized for equipment. *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of holes and other hazards. *Erosion Control Area is free of erosion with suitable vegetation to help prevent erosion. *Fencing Security fencing is installed and is in good repair; and vegetation is controlled around fencing.							
Remarks							

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions		Mis	act**	
	Satisfactory	Unsatisfactory		71011 1111	<i>1</i> 401
11. HVAC:		ΓΙ	1	2	3
Criteria:	loon			_	_ `
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are Remarks	3 Clean.				
12. Facility Electrical:	T	1			
Criteria:			1	2	3
*All wiring is in conduit.	,				
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50 ft (15 m) away from fac	cilities.				
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight. *Switches and breakers contain lightning arrestors.					
*If required, appropriate surge protection devices will be installed.					
Remarks					
	 	•			
13. Lightning Protection System (LPS) Installed:			1	2	3
Criteria: *I PS inspection decumentation being properly maintained					
*LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance pate.	the to around				
*Meets NFPA 780 and MIL-HDBK-419 requirements.	llis lo giodila.				
Remarks					
remane					
W. P. J. C.					
14. <i>Lighting:</i> Criteria:			1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to e	ensure proper ill	umination is ava	ailahle		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im			mabic.		
*No burnt out bulbs.	iportant for exte	alor lighting.			
Remarks					
15. Unique Local Facility Features:			1	2	3
Criteria:			'		L J
Remarks					

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks	163	140
Tomano		
IV. Summary		

		ITIES ASSESSMENT (
	Cat	egory Code 422-264 Stoı	rage Igloo				
Installation Name	T	Location	Facility Bldg	Number			
Inspector	Unit POC	Insp. Date	MAJCOM				
Sq Footage	Type Constr.	Year Built	Date Last In				
		types of explosives. It is the prefer	red structure for storing	mass-deto	onating	explosi	ves.
Facility Components							
		with respect to mission impact.				equirem	
	aster plan reflect the curren	t facility category code?		Me	ets	Does I	Not Meet
-	tstanding AF Forms 332?						
-		the facility from the latest inspection	ns?				
-	ze and shape meet mission						
	user have the site plan avail						
	facility detract from mission						
*Does the facility of Remarks	design allow for known futur	e mission changes?					
II. Mission Design F	Requirements		Design Require		Mis	sion Imp	oact**
4. O 1 1 - 1 - 1 - 1	.1		Meets Doe	sn't Meet			
Constructed of ste	eel or concrete arch.				1	2	3
Remarks			1				
2. Doors are made o	f heavy blast-resistant steel				1	2	3
Remarks							
3. Constructed with a	approval of the DDESB.				1	2	3
Remarks							
4. Size dependent up m).	pon mission needs. (Typica	I size is 26 ft X 80 ft of 7.9 m X 24.3	3		1	2	3
Remarks		·	1				
		losions to/from adjacent storage sit	es		1	2	3
and operating loca Remarks	ations.						
6. Facility requires a	serviceable lightning protec	tion system.			1	2	3
Remarks							
7. Facility may requir	re HVAC for climate control.				1	2	3
Remarks				•			
8. Doors must have l	high-security hasps. May ne	eed an intrusion detection system.			1	2	3
Remarks							

II. Mission Design Requirements (Continued)	Design Requirements Meets Doesn't Meet		Mission Impact**				
9. Apron in front of door must permit safe operation of handling equipment.	Woodo	Document wood	1	2	3		
Remarks				<u> </u>			
III. Facility Conditions		Conditions	Mis	sion Im	pact**		
1. Explosives Safety:	Satisfactory	Unsatisfactory		ı			
Criteria:			1	2	3		
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF explosives weight limits are not exceeded, and commensurate measures are in-place assessments are performed. *Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C lights are acceptable for all other environments. *Wiring Wires to structures are underground at least 50 ft (15 m) away and have I require bonding to the facility at point of entry. *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. *Placards Explosives limits and fire/chemical symbols are displayed. *Inspections Annual ground and explosives safety and facility inspections are performeral Facility has good drainage and is vermin resistant.	ce. Any excepticlass II (explosiving the street in the str	ions are properly	y identit	fied and UL-ap	risk proved		
2. Barricade Walls (if applicable): Criteria:			1	2	3		
*Meets "2 degree" rule. *Top of barricade wall is at least 3 ft (.9 m) wide. *No substantial erosion.							
Remarks							
Roof: (Circle One) Steel Concrete Criteria:			1	2	3		
*Earth-covering at least 24 in (609 mm) deep. *No excessive erosion. *Free of leaks. *Attachments are secure. *No signs of failure.							
Remarks							
4. Walls: Criteria:			1	2	3		
*Front wall Clean; free from damage; and intact. *Minimum 24 inches (609 mm) earth-covering on rear and side walls. *Interior Surfaces clean, intact, and free from damage; no unauthorized attachment caulking around wall penetrations watertight.	nts that may co	mpromise the d	esign fu	ınction;	and		
Remarks							
5. Doors:			1	2	3		
Criteria: *Doors swing/roll freely and fit in jambs.				<u> </u>			
*Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing. *Serviceable ramps to traverse thresholds (if required).							
Remarks							

III. Facility Conditions (Continued)	General (Conditions	Mie	sion Imp	nact**
	Satisfactory	Unsatisfactory	IVIIS	31011 11116	act
6. Floors:			1	3	3
Criteria:			'	3	3
*Concrete is in good condition without cracks and with a smooth surface to allow ea	sy equipment n	novement.			
Remarks					
7. Ceiling: Criteria:			1	2	3
*No visible damage or watermarks.					
*No obvious hazards to personnel on the floor. Remarks					
8. Fire Protection/Prevention: Criteria:			1	2	3
*Fire Drills Conducted at least every six months. *Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities and w *Fire extinguishers are available during operations. *Facility is kept clean and free of combustible materials. *Flammables and combustibles are not stored in close proximity to the facility. *Ventilator fusible links are serviceable. Remarks	ithin 5 ft (1.5 m) of ventilators.			
9. Pavements: Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; markings al *Parking Properly sited; sufficient room to maneuver; and type of pavement supports. *Drainage Structures are sound and maintained; and areas are free of debris and	re legible; and i orts gross weigh	s sufficient in wi		nt.	
Remarks					
10. Grounds: Criteria:			1	2	3
*Miscellaneous Pads Pads are in good repair; and pads are sufficiently sized for e *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h *Erosion Control Area is free of erosion with suitable vegetation to help prevent er *Fencing Security fencing is installed and is in good repair; and vegetation is cont	noles and other rosion.				
Remarks					

III. Facility Conditions (Continued)	General Conditions		Mission Impact**			
	Satisfactory	Unsatisfactory	IVIIS	SiOII IIIIL	aci	
11. HVAC:			4	0	0	
Criteria:			1	2	3	
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	e clean.					
Remarks						
12. Facility Electrical:	l					
Criteria:			1	2	3	
*All wiring is in conduit.			<u> </u>			
*Ground devices are free of corrosion.						
*Support poles are in good condition and located at least 50 ft (15 m) away from fac	cilities					
*Switch box plates are water and dust tight.	Sinti GO.					
*Switches are in spark-proof enclosures.						
*Junction boxes are spark-proof and watertight.						
*Switches and breakers contain lightning arrestors.						
*If required, appropriate surge protection devices are installed.						
Remarks						
remand						
10 11111	T	1	1	1		
13. Lightning Protection System (LPS) Installed:			1	2	3	
Criteria:						
*LPS inspection documentation being properly maintained.						
*An LPS is Installed System features include air terminals and low impedance pa	ths to ground.					
*LPS components are grounded and all metallic penetrations are bonded.						
*Side-flash protection is provided through separation.						
*Surge protection is provided.						
*Meets NFPA 780 and MIL-HDBK-419 requirements.						
Remarks						
14. Lighting:			1	2	3	
Criteria:			ı	2	3	
*General Illumination Guidelines Bio-Environmental Engineering is contacted to e	nsure proper ill	umination is ava	ilable.			
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im	portant for exte	rior lighting.				
*No burnt out bulbs.						
Remarks						
	1					
15. Unique Local Facility Features:			1	2	3	
Criteria:						
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Photographic Documentation (If yes, please attach)	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
IV. Summary		

	FACIL	ITIES ASSESSMEN	T CHEC	KLIST	•				
	Catego	ry Code 422-265 Inert	Spares :	Storage					
Installation Name		Location		Facility	Bldg Nu	mber			
Inspector	Unit POC	Insp. Date		MAJC					
Sq Footage	Type Constr.	Year Built		Date L	ast Inspe	ction			
	facility is used to store all	types of inert munitions compor	nents.						
Facility Components						N 4: -	: D	:	
	I condition of the facility is ster plan reflect the current	with respect to mission impa	ct.					equirem	
	tanding AF Forms 332?	racinty category code?			⊢	Ме	eis	Does	Not Meet
-	-	the facility from the latest inspe	ctions?						
-	ze and shape meet mission		CHOIS		Ļ				
-	ser have the site plan availa								
	icility detract from mission p								
	esign allow for known future								
Remarks	soight allow for known fatare	, mission changes:							
II. Mission Design Re	equirements			Design Re Meets	quiremer Doesn't		Miss	sion Imp	act**
Constructed of various sheet metal, etc.).	ous non-combustible mater	ials (e.g., steel, concrete, clay	tile,				1	2	3
Remarks					l				
2. Doors vary in size a	and are made of steel and b	pe hinged, sliding, or roll-up typ	e.				1	2	3
Remarks			,		1				
3. Constructed with ap	oproval of the DDESB if wit	hin the explosives clear zone.					1	2	3
Remarks			•		•				
4. Size dependent upo	on mission needs.						1	2	3
Remarks			l						
Provides limited pro sites and operating		xplosions from adjacent storag	е				1	2	3
Remarks	locations.				l				
• •		ion system if it is determined the and/or stored assets warrant i					1	2	3
(See NFPA 780, Ch	napter 3, Ordinary Structure								
Remarks									
7. Facility may require	HVAC for climate control.						1	2	3
Remarks			•		•				
Doors may have hig intrusion detection s		g on contents. May need an					1	2	3
Remarks			•			•			

^{**} Impact: 1 - Minimal or No Impact

II. Mission Design Requirements (Continued)			Mis	oact**	
Apron in front of door must permit safe operation of handling equipment.	Meets	Doesn't Meet	1	2	3
Remarks					
Remains					
10. Facility must be identified as a warehouse to store accountable munitions			1	2	3
components.			'		J
Remarks					
III. Facility Conditions	General Gatisfactory	Conditions Unsatisfactory	Mis	sion Im _l	pact**
1. Explosives Safety:	,	,	1	2	3
Criteria: *Siting Requirements - Facility is sited as an expected sits if within the explosives of	loor zono oo no	r DoD 6055 0 S			
*Siting Requirements Facility is sited as an exposed site if within the explosives of *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. *Inspections Annual ground and explosives safety and facility inspections are per			ID allu	AFIVIAI	N 91-201
*General Facility has good drainage and is vermin resistant.					
Remarks					
Roof: (Circle One) Rolled Metal Shingle Frangible Gravel Concrete			1		,
Criteria:			1	2	3
*Free of leaks. *Attachments are secure.					
*No signs of failure.					
Remarks					
3. Walls:			1	2	3
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition.					Ů
*Interior Surfaces clean, intact, and free from damage; no unauthorized attachme	ents that may co	mpromise the d	esian fu	ınction:	and
caulking around wall penetrations watertight.	,			,	
Remarks					
4. Doors:					
Criteria:			1	2	3
*Doors swing/roll freely and fit in jambs.	L	<u> </u>			<u>. </u>
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental closing.					
*Serviceable ramps to traverse thresholds (If required).					
*Overhead doors must raise and lower smoothly.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued) General		Conditions	Mission Imi		nact**	
	Satisfactory	Unsatisfactory	141104	31011 11116	-aci	
5. Floors:			1	3	3	
Criteria:			'	٦	ى ا	
*Concrete is in good condition without cracks and with a smooth surface to allow ea	sy equipment n	novement.	J	-		
Remarks						
6. Ceiling: Criteria:			1	2	3	
*No visible damage or watermarks.		<u> </u>				
*No obvious hazards to personnel on the floor.						
7. Fire Protection/Prevention: Criteria:			1	2	3	
*Fire Drills Conducted at least every six months. *Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities. *Fire extinguishers are available during operations. *Emergency Evacuation Suffifient stairs available (if applicable); when possible, a *Facility is kept clean and free of combustible materials. *Flammables and combustibles are properly stored in the facility. Remarks	ı minimum of tw	ro 36-in (.9 m) d	oors wit	hin 75 ft		
8. Pavements:			1	2	3	
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night oper *Roads Pavement is structurally sound and supports loaded vehicles; markings at *Parking Properly sited; sufficient room to maneuver; and type of pavement support *Drainage Structures are sound and maintained; and areas are free of debris and	re legible; and i orts gross weigl	is sufficient in wi		nt.		
Remarks						
9. Grounds: Criteria:			1	2	3	
*Miscellaneous Pads Pads are in good repair; and pads are sufficiently sized for e *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h *Erosion Control Area is free of erosion with suitable vegetation to help prevent er *Fencing Security fencing is installed and is in good repair; and vegetation is cont	noles and other rosion.					
Remarks		y .				

III. Facility Conditions (Continued)	General Conditions		Mission Impact**			
	Satisfactory	Unsatisfactory	IVIIS	31011 1111	Jaci	
10. HVAC:			4	0	_	
Criteria:			1	2	3	
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	clean.					
Remarks						
11. Facility Electrical:			1	2	3	
Criteria:						
*All wiring is in conduits. *Ground devices are free of corrosion. *Switch box plates are water and dust tight. *Junction boxes are watertight. *Switches and breakers contain lightning arrestors. *If required, appropriate surge protection devices will be installed.						
Remarks						
12. Lightning Protection System (LPS) Installed (if applicable): Criteria:			1	2	3	
*LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance par *Surge protection is provided. *Meets NFPA 780, Chapter 3 (Ordinary Structures), and MIL-HDBK-419 requirements.	_					
13. <i>Lighting:</i> Criteria:			1	2	3	
*General Illumination Guidelines Bio-Environmental Engineering is contacted to e *Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im *No burnt out bulbs.			ilable.			
Remarks						
14 Unique Local Facility Features: Criteria:			1	2	3	
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Photographic Documentation (If yes, please attach)	Yes	No
Remarks	•	
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Remarks		
IV O		
IV. Summary		

	FACILI	TIES ASSESSMENT CI	HECKLIST				
	Category Co	ode 422-271 Module Barri	caded Stora	ge			
Installation Name	<u> </u>	Location		Bldg Number			
	Unit POC	Insp. Date		MAJCOM			
	Type Constr.	Year Built	Date Last Inspection				
Facility Purpose: This facility	provides field stora	ge of large quantities of explosives in	n minimum land	areas where ea	rth-cove	ered	
magazines do not exist. Outdo	oor storage is consid	lered a temporary expedient measu	e and is not pref	erred for muniti	ons.		
Facility Components							
		with respect to mission impact.		Mis	ssion Re	quireme	ents
*Does the base master pla		facility category code?		Me	eets	Does N	lot Meet
*Are there any outstanding							
		the facility from the latest inspections	s?				
*Does the facility user have							
*Does location of facility de							
*Does the facility design al Remarks	low for known future	e mission changes?					
II. Mission Design Requiren	nents		Design Re	quirements	N 41		1++
			Meets	Doesn't Meet	Miss	sion Imp	act^*
Barricade walls constructed	d of non-fragmentin	g materials (typically soil with no			1	2	3
	May have a non-co	ombustible lightweight shed or			ı		3
roof covering. Remarks							
Pads may be asphalt, cond	crete rock AM-2 ma	atting or packed soil	1		<u> </u>		_
	570t0, 700k, 74W 2 W	atting of paoriod doll.			1	2	3
Remarks							
Constructed with approval	of the DDESB and	the responsible MAJCOM.			1	2	3
Remarks							
4. Size dependent upon miss	ion needs.				1	2	3
Remarks							
Must provide protection fro and operating locations.	m propagating expl	osions to/from adjacent storage sites			1	2	3
Remarks			•				
6. Facility requires a servicea	ble lightning protect	tion system.			1	2	3
Remarks							

Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions	ity Conditions General Conditions Satisfactory Unsatisfactory			Mission Imp		
1. Explosives Safety:	- Cationation y		1	2	3	
Criteria:						
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and A explosives weight limits are not exceeded, and commensurate measures are in-pla						
assessments are performed.	ace. Any except	ions are propert	y identii	icu anu	IION	
*Placards Explosives limits and fire/chemical symbols are displayed.						
*Inspections Annual ground and explosives safety and facility inspections are pe	rformed.					
*General Facility has good drainage.						
Remarks						
	1	1		1		
Barricade Walls: Criteria:			1	2	3	
*Meets "2 degree" rule.				<u> </u>	<u> </u>	
*Top of barricade wall is at least 3 ft (.9 m) wide.						
*No substantial erosion.						
Remarks						
Roof: (Circle One) Metal Rolled Frangible			4	_	_	
Criteria:			1	2	3	
*Free of leaks.						
*Attachments are secure.						
*No signs of failure, separation, or curling. Remarks						
romano						
4. Fire Protection/Prevention:	1				1	
Criteria:			1	2	3	
*Fire Drills Conducted at least every six months.						
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.						
*Fire extinguishers are available during operations.						
*Facility is kept clean and free of combustible materials.						
*Flammables and combustibles are not stored in close proximity to the facility.						
Remarks						
5. Pavements:			1	2	3	
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night op	orations. No but	ent out lights				
*Roads Pavement is structurally sound and supports loaded vehicles; markings		-	idth			
*Parking Properly sited; sufficient room to maneuver; type of pavement supports	-			dequate		
spaces; and lots are properly marked.	g. c.cg c.	9	,	4		
*Drainage Structures are sound and maintained; and areas are free of debris an	d blockage.					
*Pad permits uninhibited stacking of assets and use of handling equipment.						
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General	Conditions	Mior	ion Imn	0.0t**
	Satisfactory	Unsatisfactory	IVIIS	sion Imp	acı
6. Grounds:			1	2	2
Criteria:					3
*Miscellaneous Pads Pads are in good repair; adequate drainage is available			equipm	ent.	
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free		hazards.			
*Erosion Control Area is free of erosion with suitable vegetation to help preve		noina			
*Fencing Security fencing is installed and is in good repair; and vegetation is Remarks	controlled around le	ncing.			
Contains					
7. Lightning Protection System (LPS) Installed:			1	2	3
Criteria:			'		3
*LPS inspection documentation being properly maintained.					
*An LPS is Installed System features include air terminals and low impedance	e paths to ground.				
*Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					
3. Lighting:			1	2	3
Criteria:			7 - 1-1 -		
*General Illumination Guidelines Bio-Environmental Engineering is contacted			allable.		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is ver *No burnt out bulbs.	y important for exte	rior lighting.			
Remarks					
Cinaro					
9. Unique Local Facility Features:			1	2	3
Criteria:					
De secondos					
Remarks					
		•			
Photographic Documentation (If yes, please attach)		Y	es	N	lo
Remarks					
Are work orders (Air Force Form 332) required for discrepancies?		Y	es	N	lo
Will completion of "332" work order discrepancies restore the building to an operation	onal condition?	Y	es	N	lo
Remarks		•			
IV. Summary					

	FACILITIE	S ASSESSMENT (HECKLIS	T				
	Category Code 4	422-275 Ancillary Ex	plosives Fac	cility				
Installation Name		Location		/ Bldg Nun	nber			
Inspector	Unit POC	Insp. Date		MAJCOM				
Sq Footage	Type Constr.	Year Built	Date Last Inspection					
Facility Purpose: This designation is applicable to pads, locations, revetments, and other facilities (excluding aircraft parking). Facilities								
included are rail classification yards, holding yards, inspection stations, interchange yards, loading docks, ready explosives facilities, and bomb preload stations/MAC pads. The facility is primarily used for holding, inspecting, temporarily storing, transferring, or loading munitions in the								
transportation or handling mo	, .	normorality, inspecting, temp	oraniy storing, t	lansiemių	y, 01 10a	uilig II	iuriilioris i	ii iiie
		acilities required will vary with	the following co	onditions:				
		e of functions, operations, or	-					
 Type and quality of mur 	nitions to be stored or handle	ed; war reserve materiel (WR	M) munitions, op	perating ar	nd trainii	ng mu	nitions, co	mbat
		age/redistribution/munitions a						
	sical limits, expansion capa	bilities, type, and arrangemer	nt of existing faci	ilities, and	objectiv	es of t	the base r	naster
plan.		£ d						
	ge structures required or pre	terrea.						
Facility Components	dition of the facility with w	anast ta mission impost			N 4:-	-:	\!	
	dition of the facility with re lan reflect the current facility						Requireme	
· ·	•	• •		-	Meet	ts	Does N	ot Meet
-	o-systems operate as design	ility from the latest inspection	2					
•	• •	ility from the latest inspection	5!	L				
*Are there any outstandir	e and size meet mission nee	de?						
-	ive a copy of the site plan av							
	detract from mission perforn							
= -	allow for known future missi							
•	-D and facility guideline requ							
Remarks								
II. Mission Design Require	omente		Design Re	auiromon	to			
a. General Requirements	inents		Meets	Doesn't		Mis	ssion Imp	act**
Overhead cover may be	required to protect personne	el from the sun and other		2000				_
elements.						1	2	3
Remarks					-			
Fencing may be required	hased upon security needs	and location of assets		T	1			
2. I ending may be required	based upon security needs	and location of assets.				1	2	3
Remarks			<u> </u>					
O Comment of the comm				1				
Ground surfaces may receive etc.) as warranted	quire paving or other harden by traffic and operational re					1	2	3
Remarks	by trainic and operational re	equirements.						
Tomano								

^{**} Impact: 1 - Minimal or No Impact

^{2 -} Degraded Impact with "Work Arounds"

^{3 -} Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Design Requirements		Mission Imp		act**	
	Meets	Doesn't Meet	1411			
Barricades may be required based upon the location, quantity, and class of explosives involved.			1	2	3	
Remarks						
5. Access roads may be required.			1	2	3	
			'		3	
Remarks						
6. Lightning protection is required.			1	2	3	
Develop			·			
Remarks						
7. Paved surfaces are sufficient to handle traffic volume, and vehicle and munitions			4	2	2	
materiel handling equipment turning radii and gross weights.			1	2	3	
Remarks				ı		
 b. Classification Yard Requirements (used for receiving, dispatching and switch 1. Rail trackage will have standard gauge, clearance, and weight as required by 	ning rail cars c	ontaining expl	osives)	ı	1	
interstate/host nation regulations.			1	2	3	
Remarks					1	
Amount of rail trackage dependent upon volume of traffic.			1	2	3	
Remarks						
Ichialis						
3. Rail trackage will connect with the common carrier delivering shipments to the				_	_	
base.			1	2	3	
Remarks						
4. Rails and related track material must be bonded, grounded, and insulated from the				l		
remaining track.			1	2	3	
Remarks						
				1		
5. Tracks should be looped to permit two ways to exit.			1	2	3	
Domarka					<u> </u>	
Remarks						

Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)				Mission Impact**			
6. Vagatation control is strictly enforced along trackage	Meets	Doesn't Meet	1	· ·			
Vegetation control is strictly enforced along trackage.			1	2	3		
Remarks							
7. Intermagazine quantity-distance criteria applies between other PESs and the			1	2	3		
classification yard. Remarks							
Remarks							
Malding Vand Danging and American and American Indian and American Indian			!!	100			
 c. Holding Yard Requirements (area used to hold explosives-laden carriers for l containers, or trucks) 	imitea perioas	may contain	raii ca	rs, ISO			
Sited as above ground magazines.			1	2	3		
			'	2	3		
Remarks							
Area size dependent upon mission needs.			1	2	3		
December			•	_			
Remarks							
3. Rail trackage will have standard gauge, clearance, and weight as required by			1	2	3		
interstate/host nation regulations (as applicable). Remarks							
remand							
4. Rails and related track material must be bonded, grounded, and insulated from the							
remaining track (as applicable).			1	2	3		
Remarks							
5. Tracks should be looped to permit two ways to exit (as applicable).			1	2	3		
Remarks							
remarke							
Vegetation control is strictly enforced along trackage (as applicable).			4	_	_		
			1	2	3		
Remarks							
** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"				_			

^{2 -} Degraded Impact with "Work Arounds"

II. Mission Design Requirements (Continued)	<u> </u>			Mission Impact**		
7. If designated as a Costant Holding Area are state Defense Transactive	Meets	Doesn't Meet			1	
If designated as a Secure Holding Area as per the Defense Transportation Regulation, Chapter 205, it must comply with DoD 5100.76M:			1	2	3	
*Access control.						
*Perimeter fencing.						
*Automatically-timed lighting positioned to not expose/silhouette guards and extend	1 25 ft (7.6 m) be	eyond the secur	e holdir	ng area.		
*Barriers at entry control points.	, , ,	-		-		
*Emergency communications to include a duress system to notify law enforcement	personnel.					
*Primary and emergency power that starts automatically when primary power fails.						
*IDS or CCTV if guard does not have direct visual observation of the area.						
*Warning signs posted every 100 ft (30 m). Remarks						
Iveniains						
d. Inspection Station Requirements (used to accommodate trucks or rail cars du	uring the time	incomina vehic	cles and	d their ex	plosives	
cargo are inspected)	J					
Quantity-distance criteria does not apply if solely used as an inspection station.			1	2	3	
					J	
Remarks		_ 				
2 Located as remate as passible from horostatus and	•	-				
Located as remote as possible from hazardous areas such as POL sites, populated areas, flightlines, and other explosives.			1	2	3	
populated areas, flightlines, and other explosives. Remarks	<u> </u>		Ļ	<u> </u>	<u> </u>	
Area size dependent upon mission needs.				_	_	
			1	2	3	
Remarks						
Rail trackage will have standard gauge, clearance, and weight as required by						
interstate/host nation regulations (as applicable).			1	2	3	
Remarks				<u> </u>		
5 Daile and related track material must be handed executed and 1 1 1 1 1 1		·			1	
Rails and related track material must be bonded, grounded, and insulated from the remaining track (as applicable)			1	2	3	
remaining track (as applicable). Remarks						
6. Tracks should be looped to permit two ways to exit (as applicable).			1	2	3	
Pamarks						
Remarks						
** Impact: 1 Minimal or No Impact 2 Degraded Impact with "Work Arounds"	0 0 ''' 11					

Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"

II. Mission Design Requirements (Continued)	Design Requirements Meets Doesn't Meet		Mi	act**				
Vegetation control is strictly enforced along trackage (as applicable).	Meets	Doesn t Meet						
1 ogotation control to curous children along tractage (as applicable).			1	2	3			
Remarks								
e. Interchange Yard Requirements (used for the interchange of explosives-lader carrier and DoD activities)	n trucks, traile	rs, or rail cars l	betwee	n the con	nmon			
Quantity-distance criteria does not apply if the exchange is made and the vehicle/railcars are moved promptly.			1	2	3			
Remarks								
Located as remote as possible from hazardous areas such as POL sites, populated areas, flightlines, and other explosives.			1	2	3			
Remarks								
May be located together with the Inspection Station.			1	2	3			
Remarks								
Area size dependent upon mission needs.			1	2	3			
Remarks								
Rail trackage will have standard gauge, clearance, and weight as required by interstate/host nation regulations (as applicable).			1	2	3			
Remarks								
Rails and related track material must be bonded, grounded, and insulated from the remaining track (as applicable).			1	2	3			
Remarks								
7. Tracks should be looped to permit two ways to exit (as applicable).			1	2	3			
Remarks								

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)			Mission Impact**			
O Variation control is strictly enforced class to the little of the litt	Meets	Doesn't Meet				
8. Vegetation control is strictly enforced along trackage (as applicable).			1	2	3	
Remarks						
 f. Loading Dock Requirements (ground-level or elevated structure used for transportation) 	nsferring explo	sives between	any tw	o modes	of	
Site the loading dock as an operating location if used to transfer munitions between transportation modes.			1	2	3	
Remarks						
Loading docks used to support multiple storage or operating locations are considered above-ground magazines for quantity-distance purposes.			1	2	3	
Remarks						
3. Quantity-distance criteria does not apply to loading docks used to support a single			1	2	3	
PES. Remarks						
Area size dependent upon mission needs.			1	2	3	
Remarks			•	_		
Rail trackage will have standard gauge, clearance, and weight as required by			1	2	2	
interstate/host nation regulations (as applicable). Remarks			1	2	3	
remarks						
6. Daile and related track material must be handed grounded and insulated from the		,		1		
Rails and related track material must be bonded, grounded, and insulated from the remaining track (as applicable).			1	2	3	
Remarks						
Tracks should be looped to permit two ways to exit (as applicable).			,	6		
Remarks			1	2	3	
remains						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Design Requirements			Mission Impact**		
	Meets	Doesn't Meet	IVII	331011 1111	act	
Vegetation control is strictly enforced along trackage (as applicable).			1	2	3	
Remarks						
g. Ready Explosives Facility Requirements (facility or designated area, usually rare temporarily positioned awaiting transfer to aircraftmay be used for comb					ponents	
Site the ready explosives facility as an above-ground magazine.			1	2	3	
Remarks						
h. Bomb Preload Station Requirements (Munitions Assembly Conveyor consistence of the inspect assemble and lead hambe on significant rooks are inspect.		_			yors	
used to inspect, assemble, and load bombs on ejection racksequipment con 1. Site the bomb preload station as an operating location.	nguration dep	endent upon n	1	2	3	
Remarks						
All electrical equipment installed and maintained in accordance with explosives safety requirements.			1	2	3	
Remarks						
On-site safety placarding safety information is provided and is legible.			1	2	3	
Remarks						
III. Facility Conditions a. General	General C Satisfactory	Conditions Unsatisfactory	Mi	ssion Imp	act**	
Explosives Safety: Criteria:			1	2	3	
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF explosives weight limits are not exceeded, and commensurate measures are in place assessments are performed. *Placards Explosives limits and fire/chemical symbols are displayed. *Inspections Annual ground and explosives safety and facility inspections are performed. *Grounding A means to dissipate static electricity buildup (as applicable); static be continuity and records are on hand as per AFI 32-1065. *Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C lights are acceptable for all other environments. *Wiring Wires to structures are underground at least 50 ft (15 m) away and have I require bonding to the facility at point of entry. *Windows Made of blast-resistant material. *Smoking prohibited within 50 ft (15 m) of explosives. *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. *General Facility has good drainage.	formed. Slass II (explosiv	ions are properl ds are tested fo res dust) enviro	y identifor resista	fied and ri	sk	
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)		General Conditions Mission Imp			act**
	Satisfactory	Unsatisfactory		· · · · · ·	1
2. Barricade Walls (as applicable):			1	2	3
Criteria:					
*Meets "2-degree" rule. *Top of barricade wall is at least 3 ft (.9 m) wide.					
*No substantial erosion					
Remarks					
3. Fire Protection/Prevention:					
Criteria:			1	2	3
*Fire Drills Conducted at least every six months.		<u>.</u>		l	1
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities and a	along rail tracka	ge.			
*Fire extinguishers are available during operations.					
*Facility is kept clean and free of combustible materials.					
*Flammables and combustibles are not stored in close proximity to the facility.					
Remarks					
4. Pavements:			4		0
Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night open					
*Roads Pavement is structurally sound and supports loaded vehicles; markings a					
*Parking Properly sited; sufficient room to maneuver; type of pavement supports	gross weight of	assigned equip	ment; a	dequate s	spaces;
and lots are properly marked.					
*Drainage Structures are sound and maintained; and areas are free of debris and	d blockage.				
*Pad Permits uninhibited stacking of assets and use of handling equipment.					
Remarks					
5. Grounds:			4		_
Criteria:			1	2	3
*Miscellaneous Pads Pads are in good repair; adequate drainage is available; ar	nd pads are suff	iciently sized for	equipn	nent.	•
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of	holes and other				
*Erosion Control Area is free of erosion with suitable vegetation to help prevent e	erosion.				
*Fencing Security fencing is installed and is in good repair; and vegetation is con	trolled around f	encing.			
Remarks					
6. Lightning Protection System (LPS) Installed:			1	2	3
Criteria:					
*LPS inspection documentation being properly maintained as per AFI 32-1065.					
*An LPS is Installed System features include air terminals, masts, and catenaries	s for low impeda	ance paths to gr	ouna.		
*LPS components are grounded and all metallic penetrations are bonded.					
*Side-flash protection is provided through separation.					
*Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General Conditions		Mis	act**	
7. Lighting:	Satisfactory	Unsatisfactory		· · · · · · · · · · · · · · · · · · ·	
7. Lignting: Criteria:		1	1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to e	ensure proper il	L lumination is av	ailable		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very in					
*No burnt out bulbs.	,	55-			
Remarks					
O Book (or any tire high (Oirele ang) Matal. Ballad. Fara villa Consents	1	1			
Roof (as applicable): (Circle one) Metal Rolled Frangible Concrete Criteria:			1	2	3
*Free of leaks.		<u> </u>			
*Attachments are secure.					
*No signs of failure, separation, or curling.					
Remarks					
h Classification Vard	1	1			
b. Classification Yard: Criteria:		1	1	2	3
*Track in alignment and true to grade.					
*Ties in good condition and firmly set in ballast.					
*Ballast is clean and well compacted.					
*All connectors are present and tight.					
*Track switches operable and well maintained.					
Remarks					
remarko					
Haldian Vand (an anniforda)	1	1	,		1
c. Holding Yard (as applicable): Criteria:			1	2	3
*Track in alignment and true to grade.		<u> </u>			
*Ties in good condition and firmly set in ballast.					
*Ballast is clean and well compacted.					
*Track switches operable and well maintained.					
*All connectors are present and tight.					
Remarks					
d branching Oletion (or emplicable)	1	1	1		1
d. Inspection Station (as applicable): Criteria:		1	1	2	3
*Track in alignment and true to grade.		<u> </u>			
*Ties in good condition and firmly set in ballast.					
*Ballast is clean and well compacted.					
*All connectors are present and tight.					
*Track switches operable and well maintained.					
Remarks					
I/Cilidiv2					

Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Satisfactory	Mi	act**		
e. Interchange Yard (as applicable): Criteria:			1	2	3
*Track in alignment and true to grade.					
*Ties in good condition and firmly set in ballast.					
*Ballast is clean and well compacted.					
*All connectors are present and tight.					
*Track switches operable and well maintained.					
Remarks					
f. Loading Dock:					
Criteria:			1	2	3
*Foundation in good condition, free of cracks.					
*Ramp is constructed at safe grade.					
*Edges are sound and intact; no crumbling.					
*Dock plates/ramp extensions operable.					
*Bumpers are securely fastened and in good repair.					
*Safety markings are visible and clean.					
*Dock is adequate width to permit maneuvering of loading equipment. Remarks					
ICHIGINS					
g. Ready Explosives Facility:			1	2	3
Criteria:					
*Use General Criteria in section IIIa (above).					
Remarks					
	T				
h. Bomb Preload Station (Munitions Assembly Conveyor): Criteria:			1	2	3
*All gantries and conveyors are functioning properly.					
*Facility electrical.					
**All wiring is in conduit.					
**Ground devices are free of corrosion.					
**Support poles are in good condition and located at least 50 feet (15 m) away					
**Switch box plates are water and dust tight.					
**Switches are in spark-proof enclosures.					
**Junction boxes are spark-proof and watertight.					
**Transfer switch and breaker panels are operable.					
**Generator and back-up power is available and in good repair.					
**Substations are away from explosives operations.					
**Switches and breakers contain lightning arrestors.					
**No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
**Transformers are free of leaks, are closed, and are weather-proof.					
**If required, appropriate surge protection devices will be installed.					
**Energy management and controls transfer switches operable and waterproof, bre				r dustpro	of,
automatic controls operable, grounded, and well maintained, and battery charger of	perable and pro	tected from wea	atner.		
Remarks					

III. Facility Conditions (Continued)	ility Conditions (Continued) General Conditions				act**
	Satisfactory	Unsatisfactory	1411		
i. Unique Local Facility Features: Criteria			1	2	3
Criteria					
Damanika					
Remarks					
Photographic Documentation (If yes, please attach)		Ye	es	l N	lo
Remarks		".			
Are work orders (Air Force Form 332) required for discrepancies?		Y	es	N	lo
Will completion of "332" work order discrepancies restore the building to an operational	condition?	Ye	es	N	lo
Remarks					
IV. Summary					
** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"	0 0 ::: 11	. N. O			_

^{*} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds;

Work Stoppage/Life-Safety Hazard

	FACILITIE	S ASSESSMENT	CHEC	KLIST	-			
	Category Co	de 116-662 Pad, Da	ngerou	s Cargo	0			
Installation Name		Location	_	Facility Bldg Number				
Inspector	Unit POC	Insp. Date		MAJCOM				
Sq Footage	Type Constr.	Year Built			ast Inspection			
Facility Purpose: The dang								
and other dangerous material used to park explosives-lader	_						ie pad is	aiso
Facility Components	r cargo alicrait and is consi	idered to be an above-groun	iu magazii	ile ioi Q-i	D calculation pt	iiposes.		
I. Assess the overall cond	dition of the facility with r	espect to mission impact			Λ.	lission R	oguiron	onto
	lan reflect the current facilit					eets		Not Meet
•		cility from the latest inspection	ne?		101	CCIS	Dues	NOL MICCL
,	detract from mission perform	•) i i i i i					
	e of the pad meet mission n				<u> </u>		1	
*Are there any outstanding								
•	ve the site plan available?							
	allow for known future miss	ion changes?						
	-D and facility guideline req	_						
Remarks	, ,							
II Mission Design Beguire	manta			ocian Do	quirements	ī		
II. Mission Design Require	ements			lesign Re leets	Doesn't Meet	Mis	sion Im	pact**
Locate the pad to satisfy	O-D safety criteria as ner A	AFMAN 91-201 and DoD ST		neets	Doesii t Meet			I
6055.9.	Q-D salety criteria as per F	N MAN 31-201 and DOD 01				1	2	3
Remarks			•			•		
Use medium-load pavem	ent for the nad and its acce	see taviway	ı		1	1	1	ı
2. Ose medium-ioau pavem	ent for the pad and its acce	555 laxiway.				1	2	3
Remarks			1				ı	
Aircraft tiedown anchors	installed.					1	2	3
Remarks								
4. Provide blue, flush-type,	taxiway lights on the edge	of the pads as per AFI 32-10)44			1	2	3
and AFMAN 32-1076. Remarks					<u> </u>	1]]
Aircraft and munitions loa	nd handling equipment grou	unding points provided.				1	2	3
Remarks								
 Category code 116-642, m) and up to 50 feet (15 in the content of the	Paved Shoulders, are authom) for C-5, E-4, and Boeing	,	5			1	2	3
Remarks								
7. Provide revetments if req reduction in construction	uired by Q-D safety criteria and land acquisition costs.	or if use results in a net				1	2	3
Remarks								

1

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	Meets Doesn't Meet		Mission Impac		pact**
0 15	ivieets	Doesn't Meet			T
 If installation supports other than an aerial port of embarkation/debarkation (APOE/APOD), a circular pad with a 110 ft (35.5 m) radius (4.225 sq. yds. (3,533 m2)) is authorized. 			1	2	3
lemarks					
9. APOE/APODs that store or process in-transit explosives require two pads to			1	2	3
accommodate C-141, C-5, C-17, and Boeing 747 aircraft (additional pads may be required if there is a high volume of activity). The area for each pad is 8,900 sq. yd:	s (7,442 m2). E	Each pad can be	sited fo	or up to	30,000
pounds (13,610 kg) net explosives weight of hazard class/division 1.1 munitions. Temarks					
Provide a means to post applicable safety placarding.			1	2	3
emarks					
I. Facility Conditions	General Satisfactory	Conditions Unsatisfactory	Mis	sion Im	pact**
Explosives Safety: Criteria:	- Cultividue (c.)	Chausiasiasis;	1	2	3
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF explosives weight limits are not exceeded, and commensurate measures are in-placed.	,				
assessments are performed. *Placards Explosives limits and fire/chemical symbols are displayed.	, .				
*Inspections Annual ground and explosives safety and facility inspections are per *Grounding A means to dissipate static electricity buildup for the cargo aircraft and		required); static	bonds	and gro	unds are
tested for resistance and continuity and records are on hand as per AFI 32-1065. *Lighting UL-approved lights are acceptable for this environment.					
emarks					
2. Barricade Walls (as applicable):			1	2	3
Criteria: *Meets "2-degree" rule.					
*Top of barricade wall is at least 3 ft (.9 m) wide.					
*No substantial erosion.					
emarks					
3. Fire Protection/Prevention:			1	2	3
Criteria: *Fire Drills Conducted at least every six months.			'	2	3
*Vegetation Control Exercised within 50 ft (15 m) of aboveground facilities.					
*Fire extinguishers are available during operations.					
*Pad is kept clean and free of combustible materials.					
*Flammables and combustibles are not stored in close proximity to the pad.					
emarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)			Mis	pact**	
	Satisfactory	Unsatisfactory	14110	,0.011 1111	puot
4. Pavements:			1	2	3
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night open cut lights.	Lerations. Lightin	I g must not impa	act pilot	safety.	No burnt
out lights. *Roads Pavement is structurally sound and supports loaded vehicles; markings a *Parking Properly sited; sufficient room to maneuver; type of pavement supports spaces.	-			nd adeq	uate
*Drainage Structures are sound and maintained; and areas are free of debris and *Pad permits uninhibited stacking of assets and use of handling equipment.	l blockage.				
*Pavement markings are legible.	ft and munition	_			
*Surfaces are smooth and even, and allow for easy movement of equipment, aircra Remarks	it, and munition	S.			
5. Grounds (as applicable):	1	ı	l .		
Criteria:			1	2	3
*Miscellaneous Pads Pads are in good repair; adequate drainage is available; an *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h	noles and other		equipm	ent.	
*Erosion Control Area is free of erosion with suitable vegetation to help prevent e Remarks	rosion.				
6. Lighting: Criteria:			1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to e *Excessive Lighting Avoided to prevent glare and harsh shadows. This is very in *No burnt out bulbs.				of aircra	I aft.
Remarks					
7. Revetments:			1	2	3
Criteria: *Properly positioned and constructed to protect personnel and adjacent aircraft.			<u> </u>	<u> </u>	<u> </u>
*Surface free of erosion, corrosion, or other degradation. Remarks					
8. Unique Local Facility Features:			1	2	3
Criteria					
Remarks					

Photographic Documentation (If yes, please attach) Remarks	Yes	No
Remarks		
Are work orders (Air Force Form 332) required for discrepancies?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition?	Yes	No
Will completion of "332" work order discrepancies restore the building to an operational condition? Remarks		
IV Commons		
IV. Summary		

	FACIL	ITIES ASSESSMEN	NT CHECKL	IST				
	Category Code	422-277 Flight Line	Munitions Hol	ding Poin				
Installation Name	T	Location		Facility Bldg Number				
Inspector	Unit POC	Insp. Date		MAJCOM Date Last Inspection				
Sq Footage Facility Purpose: A flight line	Type Constr.	Year Built				cunni	v) of acc	omblod
munitions at an assembly poi								
optional based upon local cap	·		•				-	•
Facility Components		, ,	•				,	, ,
I. Assess the overall cond	lition of the facility	with respect to mission imp	act.		Mis	sion R	equirem	ents
*Does the base master pl		facility category code?			Mee	ts	Does N	Not Meet
*Are there any open AF F								
		epancies on the holding area	?					
*Does the facility's shape								
*Does the facility user ha								
*Does location of facility of								
*Does the facility design a *Does the facility meet Q-		_						
Remarks	D and facility guide i	equirements:						
romano								
II. Mission Design Require	ments		Desig	n Requiremer	nts	NΛia	ssion Im	nact*
			Meets	Doesn't	Meet	IVIIS	331011 1111	paci
Fenced pad.						1	2	3
Damania								
Remarks								
2. Signs posted to keep out	unauthorized person	nol						
2. Signs posted to keep out	unaumonzeu person	illei.				1	2	3
Remarks					i			l
3. Signs posted to prohibit s	moking within 50 ft (15 m) of the holding point.				,	0	_
		,				1	2	3
Remarks								
Explosives limits posted.			1					I
4. Explosives littles posted.						1	2	3
Remarks			l .	<u> </u>				<u>I</u>
5. Capability to post fire/che	mical symbols.						_	
	,					1	2	3
Remarks				·	-			•
Fire extinguishers are pro	vided.					1	2	3
Remarks								
Remarks								
7. Area can be secured in a	ccordance with AEL3	1_101	ı		ı			
r. Area can be secured III a	CONTRACTOR WILLI ACT 3	71-101.				1	2	3
Remarks			1	I				1
**	l or No largest 0	Dograded Ires as to the MAY	Aroundal o o	sitional leave	Ne Oot	abla ۱ª	lorl: A	ınd-:
** Impact: 1 - Minima	i or ivo impact 2 -	Degraded Impact with "Work	Arounds 3 - Ci	itical Impact -	INO SUIT	avie W	OIK AFO	urius,

Work Stoppage/Life-Safety Hazard

II. Mission Design Requirements (Continued)	• ' '		Mission Impact*			
8. Electrical utilities have the required separation from the holding area. (Distances are dependent upon amount of voltage the lines carry and functions the lines	Meets	Doesn't Meet	1	2	3	
support.) Remarks						
Pad size of sufficient size to accommodate unit's daily munitions requirements and allow for safe movement of munitions material handling equipment.			1	2	3	
Remarks						
10. Area lighting of sufficient intensity to permit night operations.			1	2	3	
Remarks						
Sufficient grounding points available to attach grounding cables for ammunition loading systems.			1	2	3	
Remarks						
 An electrical, motor-driven rail access gate for vehicle access remotely controlled from the personnel shelter. 			1	2	3	
Remarks						
13. A second, manually-operated gate for drive-through capability.			1	2	3	
Remarks						
 Personnel shelter large enough to hold the assigned personnel with a bay window overlooking entire fenced area and entrance. (Note: Typical size is 250 sq ft (14 m²) or larger.) 			1	2	3	
Remarks						
15. Lightning protection provided (unless interferes with safety-of-flight operations).			1	2	3	
Remarks						

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"

^{3 -} Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions	General (Satisfactory	Conditions Unsatisfactory	Mis	oact**	
1. Explosives Safety:			1	2	3
Criteria:		O D = z == iromon	·		
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and Al explosives weight limits are not exceeded, and commensurate measures are in-pla		•			
assessments are performed.	ICE. Ally CAUCH	Illis are proper	ly luciiui	Itu ana i	ISK
*Placards Explosives limits and fire/chemical symbols are displayed.					İ
*Inspections Annual ground and explosives safety and facility inspections are per	rformed.				l
*Grounding A means to dissipate static electricity buildup from personnel and am		g systems is ins	stalled;	static bo	nds and
grounds are tested for resistance and continuity and records are on hand as per AF					
*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C lights are acceptable for all other environments.	Class II (explosi	ves dust) enviro	nments,	UL-app	rovea
*Wiring Wires to structures are underground at least 50 ft (15 m) away and have	lightning arresto	ors and surge pi	rotectior	ı. Condı	uits
require bonding to the facility at point of entry.		. .			
*Site is free of electromagnetic radiation.					l
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					l
*Smoking prohibited within 50 ft (15 m) of explosives.					l
*Windows Made of blast-resistant material.					İ
*General Facility has good drainage and is vermin resistant. *Pad is sited so forward firing munitions are headed in direction of least populated a	araa and missic	on oritical accets			
Remarks	area ariu missiu	iii-ciilicai assets			
romano					
2. Walls (in personnel shelter):			1	2	3
Criteria: *Exterior Clean, intact, and free from damage. Paint and caulking are in good co	Indition and wat	rer tight			
*Interior Structural members and cross bracing are free from deterioration, caulki			atertight,	and the	re are
no unauthorized attachments that may compromise the design function.					
Remarks					
O. Bastilan assessment abottomic (Girala One). Objects. Matel. Occup. Ballad					
3. Roof (on personnel shelter): (Circle One) Shingle Metal Gravel Rolled Frangible Concrete			1	2	3
Criteria:	L				
*Free of leaks.					
*Attachments are secure. *No signs of failure, separation, or curling.					
Remarks					
4. Doors (in personnel shelter):	Т			$\overline{}$	
Criteria:			1	2	3
*Overhead doors raise and lower smoothly, and can be locked in place.	-				•
*Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental or inadvertent closing.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General C Satisfactory	Conditions Unsatisfactory	Mis	ssion Imp	pact**
5. Ceiling (in personnel shelter):	Salislaciony	Officialistacion y	1	2	3
Criteria: *No visible damage, watermarks, or sagging				لــــــــــا	
*No visible damage, watermarks, or sagging. *No obvious hazards to personnel on the floor.					
Remarks					
6. HVAC (in personnel shelter as applicable):					
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are					
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine	∌d.				
*Wiring is in conduits and insulation is intact. *Electrical control and switchgear is properly tagged, labeled, and housed.					ļ
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted. *Damper controls and motors are in good working order.					
Remarks					
					1
7. Facility Electrical (in personnel shelter):			1	2	3
Criteria:			'		J
*All wiring is in conduit. *Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50 ft (15 m) away from fac	cilities.				
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures. *Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*Substations are away from explosives operations.					
*Switches and breakers contain lightning arrestors.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present. *Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices will be installed.					
*Energy management and controls transfer switches operable and waterproof; brea				dustpro	of;
automatic controls operable, grounded, and well maintained, and battery charger op Remarks	erable and pro	tected from wea	ather.		
Nemano					

III. Facility Conditions (Continued)	General Conditions		Mis	ssion Imp	npact**	
8. Plumbing and Mechanical Systems (in personnel shelter as applicable):	Satisfactory	Unsatisfactory				
Criteria:		'	1	2	3	
*Drainage systems support holding tanks, and drain and waste facilities are properly	y maintained.		<u></u>			
*Meters are operable.						
*Piping is free of corrosion and located away from moving equipment.						
*Valves and piping are free of leaks.						
*Piping penetrating the facility is grounded.						
*Pressure regulators are installed and operable.						
*Shut-off valves are clearly marked.						
*Steam and hot water lines are grounded.						
Remarks						
9. Fire Protection/Prevention (as applicable):			<u> </u>			
Criteria:	1	'	1	2	3	
*Sprinkler System Piping is properly installed and supported; system is free of lea	aks; sprinkler he	eads are proper!	ly positi	oned; an	d the	
system shut-off valve is readily accessible and unobstructed.	• •	• •	, .			
*Fire Extinguishers Supported, secured, and inspections are current.						
*Fire Alarm Panel is marked and accessible.						
*Detectors Well located and operable.						
*Pull Stations Well-located and alarms are audible.						
*Fire Drills Conducted at least every six months. *Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.						
*Emergency Evacuation Sufficient stairs available (if applicable); when possible, a	a minimum of tr	wo 32-in (812 m	m) wide	outwar.	d onening	
doors with panic hardware within 75 ft (23 m) for emergency evacuation.	a Hillillilliani Or tv	NO 32-111 (012 111	III) Wide	; Outward	1-0periirig	
Remarks	-					
10. Pavements:			1	2	3	
Criteria:	tions No.b.	t sut lights				
*Lighting Perimeter security lights are installed and sufficient lighting for night ope *Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im		-	rovimit	of aircr	oft on the	
flight line.	iportant for exte	anor lighting in p	TOXITTILY	/ Or all Gre	all on me	
*Roads Pavement is structurally sound and supports explosives-laden vehicles a	and munitions m	ateriel handling	equipm	nent weic	ihts:	
drainage is sufficient; markings are legible; and is sufficient in width.		atc	~ ~ · · ·	10.11	,,,,,,	
*Drainage Structures are sound and maintained; and areas are free of debris and	d blockage.					
Remarks						
11. Grounds:		1				
Criteria:	1	'	1	2	3	
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in go	od repair; and	pads are sufficie	ntly siz	ed for		
equipment.						
*Landscaping Grass, trees, and shrubs are maintained; and grounds are free of h		hazards.				
*Erosion Control Area is free of erosion with suitable vegetation to prevent erosion *Fencing Security fencing is installed and is in good repair; and vegetation is cont		encing				
Remarks	Tolieu around is	sticing.				
remains						

III. Facility Conditions (Continued)		Conditions	Mis	sion Imp	act**
12 Mateu Cumply and Distribution (in processed abolton).	Satisfactory	Unsatisfactory		'	
12. Water Supply and Distribution (in personnel shelter): Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequ	Late.				
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed		eters are operab	le; and	pipes en	tering the
facility are grounded.	•	•	,	•	Ü
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	uctures are stab	le and ir	n good re	pair.
*Water Treatment Filters are installed and conditioning equipment is maintained.					
Remarks					
13. Communications (as applicable):			1	2	3
Criteria			'		3
*Equipment location is clearly marked and visible.					
*Equipment is operable and in well maintained enclosure. *Equipment located in waterproof and dustproof enclosure.					
Remarks					
· ·-···					
		_			
14. Lightning Protection System (LPS) Installed (if applicable):			1	2	3
Criteria:					
*LPS inspection documentation being properly maintained.					
*An LPS is Installed System features include air terminals, masts, and overhead	wires that provi	de a low impeda	ance pat	th to grou	ınd.
*LPS components are grounded and all metallic penetrations are bonded.					
*Side-flash protection is provided through separation.					
*Surge protection is provided. *Meets NFPA 780 and MIL-HDBK-419 requirements.					
Remarks					
15. Lighting:			1	2	3
Criteria:					
*Fluorescent Fixtures If not designed with self-locking tubes, must have a retaini *Stairs and Ramps Are illuminated with at least 5 foot-candles (54 meter-candles	•				
*General Illumination Guidelines Hallways require a minimum of 5 foot-candles	, .	es) of light while	detailed	l work m	av
require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is	contacted to er	nsure proper illu			,
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very in	nportant for exte	erior lighting.			
*No burnt out bulbs.					
Remarks					
10.0	ī	1			
16 Revetments (as applicable).: *Installed and in good order to protect personnel and adjacent aircraft.			1	2	3
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	NAI	acion Imr	**
	Satisfactory	Unsatisfactory	IVIIS	ssion Imp	oact '
17. Unique Local Facility Features:			1	2	3
Criteria			1	2	3
'				•	
Remarks					
Photographic Posturoutation (If you be a set of the letter					la la
Photographic Documentation (If yes, please attach)		Y	es	l r	No
Remarks					
Are work orders (Air Force Form 332) required for discrepancies?		V			lo.
		Y			No .
Will completion of "332" work order discrepancies restore the building to an operational	condition?	Y	es	ı	No
Remarks					
IV. Summary					
•					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

		ES ASSESSMENT C					
	gory Code 851-147 - Ro	oad (Street) Used for E	-				
Installation Name	In week	Location			N/A		
Inspector	Unit POC	Insp. Date	MAJCC				
Sq Footage N/A	Type Constr.	Year Built ourpose of an explosives moven		ast Inspection	all phac	oc of	
		opulated areas and mission-criti					ermines
		nents outside the munitions store					
directives. Explosives m	novement routes are properly d	esignated on the D-8 Tab, in co	• ,	•			
assessment of Category	Code 851-147 will also include	e roads within the MSA.)					
		y be part of the overall base infr			s or stre	ets that	are part
Facility Components	circulation. Inspection of roady	ways must be coordinated with t	ne Base Civil En	gineer.			
	condition of the facility with	respect to mission impact		I Mi	ssion R	equirem	ents
	ter plan reflect the current facil			Me			lot Meet
	it route meet Q-D and facility g	, , ,			0.0	2000.	
		cies affecting the movement ro	ute?				
*Are there any open		-		<u> </u>			
		ow for known future mission cha	nges?				
	e movement route detract from	mission performance?					
Remarks							
II. Mission Design Re	quirements		Design Re		Mis	sion Imp	act**
4.5.			Meets	Doesn't Meet			1
	where high traffic, housing, sch ers, hospitals, recreational, com				1	2	3
functions are located	-	intercial, or mission childar					l
Remarks	<u>. </u>						
	geometry and composition to	accommodate the required			1	2	3
turning radii of munit	tions trailers.				-		
Remarks							
3 Roadway supports t	he maximum loaded vehicle we	eights associated with					l
	nt for the installation.	eignis associated with			1	2	3
Remarks			1				l
4. Roadway and adjac	ent area permit proper drainag	je			1	2	3
			1			_	
Remarks							
** Impact: 1 - Minim	al or No Impact 2 - Degrade	ed Impact with "Work Arounds"	3 - Critical Imp	act - No Suitabl	e Work	Arounds	3;
•	-			page/Life-Safety			

III. Facility Conditions	General (Satisfactory	Conditions Unsatisfactory	Mis	sion Impa	act**
Pavement markings are legible.			1	2	3
Remarks					
2. Rail crossings are level and smooth.			1	2	3
Remarks	•		'		
3. Rail crossings are marked and visibly unimpaired.			1	2	3
Remarks					
Roadway paving is structurally sound with no discernable hazards.			1	2	3
Remarks			•		
5. Shoulder is structurally sound with no discernable hazards.			1	2	3
Remarks					
Roadway drainage structures are structurally sound and maintained to allow proper			4	2	3
drainage. Remarks			1	۷	<u>ي</u>
7. Signage is present and legible.			, 1		-
Remarks			1	2	3
8. <i>Unique Local Facility Features:</i> Criteria:			1	2	3
Chiche.	<u> </u>				
Remarks					
Photographic Documentation (If yes, please attach)		Ye	es	N	0
Remarks					
Are work orders (Air Force Form 332) required for discrepancies? Will completion of "332" work order restore the route to an operational condition?		Ye		N N	
Remarks					
IV. Summary					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

FACILITIES ASSESSMENT CH					
Category Code 852-261 - Vehicle Parking Operations – Use			ool Pa	ırking	
Installation Name Location Inspector Unit POC Insp. Date	Facility MAJCC	Bldg Number			
Inspector Unit POC Insp. Date Sq Footage Type Constr. Year Built		ast Inspection			
Facility Purpose: Provide parking for munitions support organizational vehicles for fund			ess to a	substant	ial
amount of their assigned vehicles. This area is also used to perform daily and weekly op	perator mainten	ance on the vel	nicles.	In harsh	
environmental climates, an indoor parking facility may be required.					
Facility Components		1			
Assess the overall condition of the facility with respect to mission impact. *Does the base master plan reflect the current facility category code? *The condition of the facility with respect to mission impact. *Does the base master plan reflect the current facility category code?				equirem	
*Does the parking area meet Q-D (as applicable) and facility guide requirements?		IVIE	ets	Does	lot Meet
*Are there any existing safety or security discrepancies on the parking area?					
*Are there any outstanding AF Forms 332?		L			
*Does the parking area location/facility and design allow for known future mission ch	anges?				
*Does location of the parking area detract from mission performance?					
Remarks					
II. Mission Design Requirements	Design Re	quirements Doesn't Meet	Mis	sion Imp	act**
Paved or stabilized surface (concrete, asphalt, AM-2 matting, or packed stone).	Meets	Doesii i weet		1	
area er stasmilion carrieres (correrete, appriliati, 7 mm 2 matarily, er pasted eterio).			1	2	3
Remarks					
Proper lighting is installed to meet security requirements (as applicable).			1	2	3
Demante					
Remarks					
				•	
3. Security fencing at least 6 ft. (1.83 m) high with controlled entry gate(s) to meet			1	2	3
local security requirements (as applicable). Remarks					1
remarks					
				•	
Government vehicle parking areas located at least 100 ft. (30 m)or intraline distance guydu from pyglopius locations.			1	2	3
distance away from explosives locations. Remarks					
remarks					
Space requirements are calculated using AFH 32-1084, Table 20.1.					
o. Opace requirements are calculated using 71 11 of 1004, Table 20.1.			1	2	3
Remarks					
** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"					

III. Facility Conditions	General C Satisfactory	Conditions Unsatisfactory	Mis	sion Imp	act**
Facility Electrical (if applicable):			1	2	3
a. Transformers and switches:			'		3
Criteria: *Condition of exposed conduits and cables.					
*Ground devices in place and corrosion-free.					
*In extremely cold climate areas, sufficient quantity of properly rated outlets to support	ort vehicle heate	ers.			
*Pull boxes and cabinets weatherproof.					
Remarks					
b. Lighting:				_	
Criteria:			1	2	3
*General Illumination Guidelines Bio-Environmental Engineering is contacted to el	nsure proper illu	ımination is avai	lable.		
*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im	portant for exter	ior lighting.			
*No burnt out bulbs.					
Remarks					
2. Pavements:		1			
Criteria:			1	2	3
*Structurally sound without cracks.		•			
*Pad shoulder is structurally sound.					
*Paving surface properly drains (i.e., no standing water).					
*Markings are present and legible.					
*Signage present and legible (as applicable). Remarks					
Remarks					
3. Pad Access Roads:					
Criteria:			1	2	3
*Paving is structurally sound.					
*Shoulders are structurally sound and maintained.					
*Drainage system structurally sound and well maintained. *Width of roadway sufficient for access of vehicles.					
*Pavement load design supports vehicle weight.					
*Markings are present and legible.					
*Adequate drainage (i.e., no standing water).					
Remarks					
4. Grounds:					
a. Fencing (as applicable):			1	2	3
Criteria:					
*Fence fabric, support posts, and hardware in good condition.					
*Manual or motor driven rail gates are operable and well maintained and safety gual *Gates are of sufficient width to maintain drive-through capability.	rds are in place.				
*Fence system provides proper security for area.					
*Unwanted vegetation is maintained away from fence.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General C Satisfactory	Conditions Unsatisfactory	Mis	sion Impa	act**
4. b. Erosion control:	, Jan 19 19 19 19 19 19 19 19 19 19 19 19 19	0.100.00.00.00	1	2	3
Criteria: *Area is free of erosion.					
*Area is well maintained and free of unwanted vegetation growth. *Area has sufficient cover of vegetation.					
Remarks					
5. Explosives Safety (as applicable): Criteria:			1	2	3
*A minimum of 100 ft. (30 m) or intraline distance is maintained between an explosiv *Parking areas within the explosives clear zone arc are annotated on explosives siti			king sub	pool are	a.
Remarks	ng documentan	on.			
C. Part (it varying for indexy facility).	ī				
Roof (if required for indoor facility): Criteria:			1	2	3
*Free of leaks. *Attachments are secure.					
*No signs of failure. Remarks					
Remarks					
7. Walls (if required for indoor facility):	1		1	2	3
Criteria: *Exterior Clean; free from damage; intact; paint and caulking in good condition.			لــٰـــ		J
*Interior Surfaces clean, intact, and free from damage; no unauthorized attachme	nts that may cor	npromise the de	sign fur	nction; an	ıd
caulking around wall penetrations watertight. Remarks					
2.7	, 				
8. Doors (if required for indoor facility): Criteria:			1	2	3
*Doors swing/roll freely and fit in jambs.		1			1
*Locks and security hasps are in good condition. *Safety mechanisms are in place to prevent accidental closing.					
*Serviceable ramps to traverse thresholds (If required).					
*Roll-up doors must raise and lower smoothly.					
Remarks	_	_	_		_
9. Floors (if required for indoor facility):	ī				
Criteria:	<u> </u>		1	3	3
*Concrete is in good condition without cracks and with a smooth surface to allow ea Remarks	sy equipment m	ovement.			
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General C Satisfactory	Conditions Unsatisfactory	Mis	sion Imp	act**
10. Ceiling (if required for indoor facility):			1	2	3
Criteria: *No visible damage or watermarks.					
*No obvious hazards to personnel on the floor. Remarks					
Reliaiks					
11. Structures (as applicable):			1	2	3
Criteria: *Parking facility, if present, is sized to protect authorized vehicles from weather.					
*Doors are adequately sized to permit unobstructed egress. Remarks					
remand					
12. HVAC (if required for indoor facility): Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	clean.				
*Central equipment is clean and well maintained. *Wiring is in conduits and insulation is intact.					
Remarks					
13. Lightning Protection System (LPS) Installed (if required for indoor facility):					
Criteria:			1	2	3
*LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance pat	the to around				
*Meets NFPA 780, Chapter 3 (Ordinary Structures) requirements.	ino to ground.				
Remarks					
14. Unique Local Facility Features:	ı				
Criteria:			1	2	3
*					
*					
Remarks					
		1 ,			
Photographic Documentation (If yes, please attach) Remarks		Ye	es	N	0
Are work orders (Air Force Form 332) required for discrepancies? Will completion of "332" work order restore the route to an operational condition?		Ye		N	0
Remarks		1 10	<i>7</i> 3	IN	
IV Summary					
IV. Summary					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - N
Work Stoppage/Li

		ES ASSESSMENT CI						
	ode 890-158 - Load and l					; Ope	rations	S
Installation Name	III-:4 DOC	Location Location		y Bldg Nur	nber			
Inspector Sq Footage	Unit POC Type Constr.	Insp. Date Year Built	MAJC Date L	Last Inspec	ction			
	purpose of a railhead is to load a					railcar t	o other r	modes
of transportation or ente	ered into the unit's munitions stor	rage magazines. The railhead n	may be elevated	d or at grou	und leve			
	he facility attributes may range from	om a simple concrete loading de	ock to a comple	ex structure	e			
Facility Components	Il condition of the facility with r				Mic	alan D	- ~: irom	
	il condition of the facility with raster plan reflect the current facilit			\longrightarrow	Mee		equireme Does N	ot Meet
	meet Q-D and facility guideline re	, , ,			14100	,13	D000	Ot Wicci
	ser have the site plan available?	·				1	i	ľ
•	size and layout meet mission nee			-				
*Are there any safe	ety or security write-ups on the rai	ilhead from the latest inspection	is?					ľ
•	standing AF Forms 332?							
	location and design allow for kno	•						ľ
*Does location of the Remarks	he railhead detract from mission p	performance?						
Remains								
								ľ
								ľ
" Missish Decign D			Docigo D	- auiromor	40			
II. Mission Design Ro	equirements		Meets Meets	equiremen Doesn't		Miss	sion Imp	act**
Paved or stabilized	surface (concrete, asphalt, AM-2	2 matting, or packed stone) for	1	1	Wico.			
	nandling equipment.	- · · · · · · · · · · · · · · · · · · ·				1	2	3
Remarks								
								ļ
2 Proper lighting is in	nstalled to meet local operational	and security requirements (as		$\overline{}$	$\overline{}$			
applicable).	Stalled to most local sportage	and occurry roganoments (===				1	2	3
Remarks						—		4
3 Security fencing at	least 6 ft (1.8 m) high with control	olled entry gate(s) to meet local			$\overline{}$			
security requiremen		med entry gate(o) to meet lead.				1	2	3
Remarks	no (co spp		<u>,L</u>					-
								ļ
4 Assess road (if roa	wine d) san assemmedate the wei	internal transfer radius of						
 Access road (if requestion handling equipmen) 	uired) can accommodate the wei	ght and turning radius of				1	2	3
Remarks	<u>. </u>		<u> </u>					
11011.5								
			_					
5. Cover may be requ	uired for protection from the weath	ner and sun rays.				1	2	3
Damarka								
Remarks								ļ
			, 					
Railroad trackage a	and infrastructure must be compa	atible with the common carrier.				1	2	3
Remarks								<u> </u>
Nemano								
			_					
7. Track layout should	d be looped to allow two ways of	exit.				1	2	3
Remarks			<u> </u>					
Nomano								
								
8. Loading ramp.						1	2	3
Remarks					\longrightarrow			
Remains								
9 Lightning protection	1.			T		1	2	3
5 1								Ŭ
Remarks								ŀ

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions	Satisfactory	Unsatisfactory	Mis	sion Imp	act**
1. Explosives Safety:	,	·	1	2	3
Criteria: *Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AF	MAN 91-201 ()-D requirement			
explosives weight limits are not exceeded, and commensurate measures are in-place		•			
assessments are performed. Intraline distance applies to all transfer operations invo	olving explosive	es except RO/RO	o and IS	O conta	iners.
*Placards Explosives limits and fire/chemical symbols are displayed.					
*Inspections Annual ground and explosives safety and facility inspections are perf *Grounding A means to dissipate static electricity buildup is installed; static bonds		ero tostad for ro	oictanco	and con	tinuity
and records are on hand as per AFI 32-1065.	s and grounds a	are tested for res	sistarice	and con	unuity
*Lighting Explosive-proof lights are used in Class I (explosives fuel/vapors) and C	lass II (explosiv	es dust) enviror	ıments;	UL-appi	roved
lights are acceptable for all other environments. *Wiring Wires to structures are underground at least 50 ft (15 m) away and have li	iahtnina arreeta	re and surge pr	ntection	Condui	ite
require bonding to the facility at point of entry.	ignuming arreste	is and surge pro	ACCION.	. Oondu	11.5
*Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements.					
*Smoking prohibited within 50 ft (15 m) of explosives-laden railcars.					
*Windows Made of blast-resistant material.					
*General Facility has good drainage and is vermin resistant. Remarks					
Remarks					
		1			
Walls (as applicable): Criteria:			1	2	3
*Exterior Clean, intact, and free from damage. Paint and caulking are in good cor	ndition and wate	er tight.			
*Interior Structural members and cross bracing are free from deterioration, caulking	ng around wall p	penetrations wat	ertight,	and there	e are
no unauthorized attachments that may compromise the design function. Remarks					
Remains					
3. Roof (as applicable):					
(Circle One) Shingle Metal Gravel Rolled Frangible Concrete			1	2	3
Criteria:					
*Free of leaks. *Attachments are secure.					
*No signs of failure, separation, or curling.					
Remarks					
4. Doors (as applicable):			1	2	3
Criteria: *Overhead doors raise and lower smoothly, and can be locked in place.					
*Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing. Remarks					
IZHIGINA					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions			
asy	Satisfactory	Unsatisfactory	Mis	sion Imp	act**
5. Floors:	,	,	4	0	0
Criteria:			1	2	3
*Concrete is in good condition, without cracks and with a smooth surface to allow ea	asy equipment r	movement.			
Remarks					
6. Ceiling (as applicable):					0
Criteria:			1	2	3
*No visible damage, watermarks, or sagging.					
*No obvious hazards to personnel on the floor.					
Remarks					
7. HVAC (as applicable):			1		
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are	clean				
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintaine	a.				
*Wiring is in conduits and insulation is intact.					
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
Remarks					
8. Facility Electrical (as applicable):			1	2	3
Criteria:				_	Ů
*All wiring is in conduit.					
*Ground devices are free of corrosion.					
*Support poles are in good condition and located at least 50 feet (15 m) away from					
facilities.					
*Switch box plates are water and dust tight.					
*Switches are in spark-proof enclosures.					
*Junction boxes are spark-proof and watertight.					
*Transfer switch and breaker panels are operable.					
*Generator and back-up power is available and in good repair.					
*Substations are away from explosives operations.					
*Switches and breakers contain lightning arrestors and surge protection.					
*No hazardous materials [polychlorinated biphenyls (PCBs)] are present.					
*Transformers are free of leaks, are closed, and are weather-proof.					
*If required, appropriate surge protection devices are installed.					
*Energy management and controls transfer switches operable and waterproof, breal	kar nanals onar	ahle and waterr	roof or	duetnroc	ıf
automatic controls operable, grounded, and well maintained, and battery charger op		-		austproc	'',
Remarks	crabic and pro-	icolca iroini wca			
Indinano					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Mis	sion Imp	act**
	Satisfactory	Unsatisfactory			
9. Plumbing and Mechanical Systems (as applicable):			1	2	3
Criteria:			-		
*Drainage systems support holding tanks, and drain and waste facilities are proper	y maintained.				
*Meters are operable.					
*Piping is free of corrosion and located away from moving equipment.					
*Valves and piping are free of leaks.					
*Piping penetrating the facility is grounded.					
*Pressure regulators are installed and operable.					
*Shut-off valves are clearly marked.					
*Steam and hot water lines are grounded.					
<u> </u>					
Remarks					
			1		1
10. Fire Protection/Prevention (as applicable):			1	2	3
Criteria:			·	_	
*Sprinkler System Piping is properly installed and supported; system is free of lea	aks; sprinkler he	ads are properly	positio /	ned; and	l the
system shut-off valve is readily accessible and unobstructed.					
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are curr	ent.				
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
*Halon System Inspections are current; instructions are posted; and halon bottles	are supported	and secured.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities and a	long the railroad	right-of-way.			
*Emergency Evacuation Sufficient stairs available (if applicable); when possible,	-		n) wide	outward-	_
opening doors within 75 ft (23 m) for emergency evacuation.	a miniminam or th	0 02 111 (0 12 1111	ii) Wido	outwara	
Remarks					
11. Pavements:	T		1	2	3
11. <i>Pavements:</i> Criteria:			1	2	3
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope		•			
Criteria:		•			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width.	sufficient; mark	•			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility.	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility. Remarks	s sufficient; mark I blockage.	ings are legible	; and is	sufficient	t in
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility. Remarks	s sufficient; mark I blockage.	ings are legible			
Criteria: *Lighting Perimeter security lights are installed and sufficient lighting for night ope *Roads Pavement is structurally sound and supports loaded vehicles; drainage is width. *Drainage Structures are sound and maintained; and areas are free of debris and *Railhead ramp and dock of sufficient size, paving is structurally sound, and safety *Rail crossings are level and smooth and clearly marked to enhance visibility. Remarks 12. Grounds: Criteria:	s sufficient; mark I blockage. signs are prese	ings are legible	; and is	sufficient	t in
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^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Conditions	Mis	sion Imp	act**
	Satisfactory	Unsatisfactory			
13. Water Supply and Distribution (as applicable): Criteria:			1	2	3
*Well/Water Source Quality testing records are current and water supply is adequ	ıate		.		
*Pipes, Valves, and Fittings Located below grade; cathodic protection is installed;		ters are operable	e: and r	pipes ente	erina
the facility are grounded.			-, 1		- 5
*Elevated Tanks Containment areas are free of debris; tanks are in good repair; a	and support stru	ctures are stable	e and in	good re	pair.
*Water Treatment Filters are installed and conditioning equipment is maintained.					
Remarks					
14. Communications (as applicable):			1	2	3
Criteria:					J
*Equipment location is clearly marked and visible.					
*Equipment is operable and well maintained enclosure.					
*Equipment located in waterproof and dustproof enclosure. Remarks					
remarks					
15. Railhead Ramp and Dock:			1	2	3
Criteria:					
*Size of ramp and dock is sufficient to meet mission requirements.					
*Paving is structurally sound without cracks. *Pad shoulder is structurally sound.					
*Paving surface drains (i.e., no standing water).					
*Pavement markings are legible.					
*Safety signs are present and legible.					
*Area adjacent to pad drains.					
Remarks					
16. Trackage and Infrastructure:				0	0
a. Trackage			1	2	3
Criteria:		•			•
*Ties in good condition and firmly set in ballast.					
*Ballast is clean and well compacted.					
*Track switches operable and well maintained.					
*Track in alignment and true to grade. *All connectors are present and tight.					
Remarks					
h Londing Deale	ı			<u> </u>	
b. Loading Dock:			1	2	3
Criteria:			<u> </u>		
*Foundation in good condition, free of cracks. *Edges are sound and intact; no crumbling.					
*Dock plates/ramp extensions operable.					
*Bumpers are securely fastened and in good repair.					
*Safety markings are visible and clean.					
*Ramp is constructed at safe grade.					
*Dock is adequate width to permit maneuvering of loading equipment.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

111.	racility Conditions (Continued)		Jonaitions	Mis	sion Imp	act**
17	Lightning Protection System (LPS) Installed:	Satisfactory	Unsatisfactory			
17.	Criteria:	ļ.		1	2	3
	*LPS inspection documentation being properly maintained.	<u>I</u>				<u> </u>
	*An LPS is Installed System features include air terminals and low impedance pat	ths to ground.				
	*LPS components are grounded and all metallic penetrations are bonded.					
	*Side-flash protection is provided through separation.					
	*Surge protection is provided.					
Por	*Meets NFPA 780 and MIL-HDBK-419 requirements. marks					
IXCI	Hairs					
18.	Lighting:			1	2	3
	Criteria:		<u> </u>	<u> </u>	<u></u>	
	*Fluorescent Fixtures If not designed with self-locking tubes, must have a retaining the stairs and Ramps Must be illuminated with at least 5 foot-candles (54 meter-canding the stairs and Ramps Must be illuminated with at least 5 foot-candles (54 meter-canding the stairs).					
	*General Illumination Guidelines Hallways require a minimum of 5 foot-candles (5		s) of light while	detailed	work ma	ау
	require 100 foot-candles (1,076 meter-candles). Bio-Environmental Engineering is of			nination	is availa	ble.
	*Excessive Lighting Avoided to prevent glare and harsh shadows. This is very im *No burnt out bulbs.	portant for exter	rior lighting.			
Rer	marks					
19.	Unique Local Facility Features:			1	2	3
	Criteria:			<u> </u>	<u> </u>	
D						
Rei	marks					
	otographic Documentation (If yes, please attach)		Ye	es	N	10
Rer	marks					
Are	work orders (Air Force Form 332) required for discrepancies?			es	N	10
	completion of "332" work order discrepancies restore the building to an operational	condition?	Ye	es	N	lo
Rer	marks					
D/	Commence					
IV	. Summary					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

Administration Facilities

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s Operations, Co				
; iuncuons may ex	mbat Ammunition axist in a multitude of	-		This
		Mission R	equiremer	nts
	Me	eets	Does N	lot Meet
Mission Re	equirements			
	1	!	Impact**	
		1	2	3
		1	2	3
	!	1	2	3
ces, Command Po		Operation	s Center,	
	echanical lock.	Mission Requirements Meets Does Not Meet	Mission Requirements Meets Does Not Meet 1 1 1 echanical lock.	Mission Requirements Impact** Meets Does Not Meet 1 2

	A training area is required for teaching the Combat Munitions Training Program. Size of the training room dependent upon the mission and types of munitions annotated on the Unit Committed Munitions List.			1	2	3		
Rem	arks							
III.	Facility Conditions	General C	General Conditions Satisfactory Unsatisfactory					
	Components: Criteria: *Assess the overall conditions of the facility.	,	,	1	2	3		
	*Sub-systems operate as designed. *Facility meets facility guide requirements. *All the systems operational.							
Rem	arks							
	Facility Electrical: Criteria:			1	2	3		
	*System provides adequate service capacity for functions occurring in facility. *Feeder capacity into facility is sufficient for all functions collectively. *Panel breaker box capacity for facility is sufficient for all functions collectively. *Outlets number and location is sufficient for function occurring within each functional area	a.						
Rem	arks							
	Lighting: Criteria:			1	2	3		
	*Fluorescent Fixtures If not designed with self-locking tubes, must have a retaining de *Stairs and Ramps Must be illuminated with at least 5 foot-candles (54 meter-candles) of *General Illumination Guidelines Hallways require a minimum of 5 foot-candles (54 meter-candles). Bio-Environmental Engineering is contacted to ensure pro *Excessive Lighting Avoided to prevent glare and harsh shadows. This is very importar *Computer Usage Lighting is adequate but not too bright to cause glare or discomfort. *No burnt out bulbs. *Emergency lighting and exit signs installed.	of light. er-candles) of ligh oper illumination i	s available.	ork may r	equire 100) foot-		
Rem								
	Facility Structures: Criteria:			1	2	3		
	*Foundation Structure has not settled, cracked or deteriorated. *Columns and Exterior Wall Physical condition is sound and well maintained. *Outer surfaces have received coating of waterproofing/paint. *All door and window penetrations are caulked. *Outer surfaces are clean, pointed or painted. *Insulation is in place and in good condition. *Facility has received regular maintenance actions. *Security is consistent with function occurring in space.							
Rem	arks							

^{**} Impact: 1 - Minimal or No Impact

^{2 -} Degraded Impact with "Work Arounds"

^{3 -} Critical Impact - No Suitable Work Arounds; Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General (Mic	sion Impa	ıct**	
	Satisfactory	Unsatisfactory	IVIIS	Joiott IIIIpe		
5. Floor Systems: Criteria:			1	2	3	
*Floor is structurally sound and free of settlement, cracks or deterioration. *Floor finish is intact and well maintained.						
*Floor loading is within initial design limits. *Seismic features have been included in initial construction.						
*Security is consistent with function occurring in space.						
Remarks						
 Roof: (Circle One) Shingle Metal Gravel Rolled Frangible Concrete Criteria: 			1	2	3	
*Free of leaks. *Attachments are secure.						
*No signs of failure, separation, or curling. Remarks						
7. Ceiling: Criteria:			1	2	3	
*No visible damage, watermarks, or sagging. *No obvious hazards to personnel on the floor. *Security is consistent with functions occurring in space. *Ceiling system/material is suitable for function occurring in space.						
8. Walls: Criteria:			1	2	3	
*Exterior Clean, intact, and free from damage. Paint and caulking are in good condition *Interior Structural members and cross bracing are free from deterioration, caulking are unauthorized attachments that may compromise the design function.	_	ions watertight, ar	nd there a	re no		
Remarks						
9. Window Systems: Criteria:			1	2	3	
*Windows are functional. *Physical condition is good and well maintained. *Air infiltration (in/out) is within acceptable limits. *Security is consistent with functions occurring in space. *Shard protection required if facility is within the explosives clear zone arc.						
Remarks						
** Impact: 1 Minimal or No Impact 2 Dograded Impact with "Work Aroun						

Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds" 3 - Critical Impact - No Suitable Work Arounds" Work Stoppage/Life-Safety Hazard

III. Facility Conditions (Continued)	General C	Conditions	Mic	sion Impa	o+**
	Satisfactory	Unsatisfactory	IVIIS	ъзіон ініра	Cl
10. Doors:			1	2	3
Criteria:			'		5
*Overhead doors must raise and lower smoothly, and can be locked in place.					
*Doors swing/roll freely and fit in jambs.					
*Locks and security hasps are in good condition.					
*Safety mechanisms are in place to prevent accidental or inadvertent closing.					
*Door leaf is solid core or metal and free of deterioration.					
*Frame is intact, solid, and free of deterioration.					
*Fire rating is consistent with rest of structure.					
*Security is consistent with functions occurring in space.					
Remarks					
11. HVAC:					
Criteria:			1	2	3
*Ductwork and accessories well supported, insulation intact, and outlet diffusers are clear	<u> </u> า				
*Central equipment (heat exchangers, pumps, and fans) is clean and well maintained.	1.				
*Wiring is in conduits and insulation is intact.					
*Electrical control and switchgear is properly tagged, labeled, and housed.					
*Filters are clean.					
*Stand-alone equipment (boiler and chiller units) is well maintained.					
*Start/stop control switch is properly mounted.					
*Damper controls and motors are in good working order.					
* System capacity is sufficient to service all spaces.					
*Temperature/cooling controls are operable and secured.					
*Noise level is acceptable for functions occurring in facility.					
* Efficient/power consumption is within energy audit standards.					
*System maintains acceptable temperature levels for all seasons.					
*System is reliable and maintainable.					
*Security is consistent with functions occurring in space.					
Remarks					
12. Fire Protection/Prevention:				•	_
Criteria:			1	2	3
*Sprinkler System Piping is properly installed and supported; system is free of leaks; sp	orinkler heads are	properly positione	ed: and th	e system	
shut-off valve is readily accessible and unobstructed.		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,	
*AFFF and Carbon Dioxide Bottles Supported, secured, and inspections are current.					
*Fire Alarm Panel is marked and accessible.					
*Detectors Well-located and operable.					
*Pull Stations Well-located and alarms are audible.					
	upported and acc	urad			
*Halon System Inspections are current; instructions are posted; and halon bottles are s	upported and sec	urea.			
*Fire Drills Conducted at least every six months.					
*Vegetation Control Exercised within 50 ft (15 m) of above-ground facilities.	f.t. 00 :	(0.10			
*Emergency Evacuation Sufficient stairs available (if applicable); when possible, a mini	mum of two 32-in	(812 mm) wide ou	itward-op	ening dooi	's with
panic hardware within 75 ft (23 m) for emergency evacuation.					
Remarks					

^{**} Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"

III. Facility Conditions (Continued)		Conditions	Mis	ssion Impa	ct**
42 Payamanta	Satisfactory	Unsatisfactory			
13. Pavements: Criteria:			1	2	3
*Lighting Perimeter security lights are installed and sufficient lighting for night operation *Roads Pavement is structurally sound and supports loaded vehicles; markings are leg *Parking Properly sited; sufficient room to maneuver; type of pavement supports gross and lots are properly marked. *Roadway and adjacent area drains contain no standing water. *Drainage Structures are sound and maintained; and areas are free of debris and block.	gible; and is suffici weight of assigne	ent in width.	quate spa	aces;	
Remarks					
14. Grounds: Criteria:			1	2	3
*Sidewalks and Miscellaneous Pads Sidewalks are in good repair; pads are in good re *Landscaping Grass, trees, and shrubs are maintained; and grounds are free of holes *Erosion Control Area is free of erosion with suitable vegetation to prevent erosion. *Fencing Security fencing is installed and is in good repair; vegetation is controlled are	and other hazards				
Remarks					
15 Evaloring Safatu					
15. Explosives Safety: Criteria:			1	2	3
*Siting Requirements Facility is sited in accordance with DoD 6055.9 STD and AFMAN and any exceptions are properly identified and risk assessments are performed. *Inspections Annual ground and explosives safety and facility inspections are performed *Lighting UL-approved lights are acceptable. *Installed Equipment Meets NFPA 70 and AFI 32-1065 requirements. *Windows Made of blast-resistant material if within the explosives clear zone arc. *General Facility has good drainage and is vermin resistant. Remarks		ed), Q-D requireme	nts are s	atisfied,	
16. Water Supply and Distribution:			1	2	3
Criteria: *Well/Water Source Quality testing records are current and water supply is adequate. *Pipes, Valves, and Fittings Located below grade; cathodic protection is installed; valv facility must be grounded. *Elevated Tanks Containment areas are free of debris; tanks are in good repair; and si *Water Treatment Filters are installed and conditioning equipment is maintained.				ng the	
Remarks					

^{**} Impact: 1 - Minimal or No Impact

III. Facility Conditions (Continued)	General C		Mic	sion Impa	ct**
	Satisfactory	Unsatisfactory	IVIIC	. S. S. I. III pa	
17. Natural Gas Storage and Distribution:			1	2	3
Criteria:				_	
*Cathodic Protection A system is installed, corrosion free, and the sacrificial plate (and *Pipes, Valves, and Fittings Outside components are protected from vehicles and other grounded; and shut-off valves are readily accessible. *Regulators Are accessible, supported, and leak-free. *Storage Tanks Are securely anchored to their support structure, have pressure relief v damage, and tank surface and connections are free of corrosion.	moving objects; p	oiping penetrating	the facilit	y must be	
Remarks					
. Containe					
18. Plumbing and Mechanical Systems:				•	•
Criteria:			1	2	3
*Drainage systems support holding tanks, and drain and waste facilities are properly main	ntained.				
*Meters are operable. *Piping is free of corrosion and located away from moving equipment. *Valves and piping are free of leaks. *Piping penetrating the facility is grounded. *Pressure regulators are installed and operable. *Shut-off valves are clearly marked. *Steam and hot water lines are grounded. Remarks					
19. Lightning Protection:			1	2	3
Criteria: *LPS inspection documentation being properly maintained. *An LPS is Installed System features include air terminals and low impedance paths to *Surge protection is provided. *Meets NFPA 780 and MIL-HDBK-419 requirements. Remarks	ground.				
** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Aroung		Impact - No Suits			

^{2 -} Degraded Impact with "Work Arounds"

Work Stoppage/Life-Safety Hazard

20. Unique Local Facility Features:				4	_	_
Criteria:				1	2	3
Remarks						
Photographic Documentation (If yes, please attach)			Υ	es	N	lo
Remarks						
Are work orders (Air Force Form 332) required for discrepancies?		1		es		lo
Will completion of "332" work order discrepancies restore the building to an operational condi	ition?	_		es		lo
Remarks			-			
IV. Summary						

** Impact: 1 - Minimal or No Impact 2 - Degraded Impact with "Work Arounds"

